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Specification of IRAS Confused Regions

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19 June 1990

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Scientific Report No. 1

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GEOPHYSICS LABORATORY
AIR FORCE SYSTEMS COMMAND
UNITED STATES AIR FORCE
HANSCom AIR FORCE BASE, MASSACHUSETTS 01731-5000

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"This technical report has been reviewed and is approved for publication"



Dr. Stephen Price
Contract Manager



Dr. Stephen Price
Branch Chief

FOR THE COMMANDER



R.E. GOOD, SES,
Division Director

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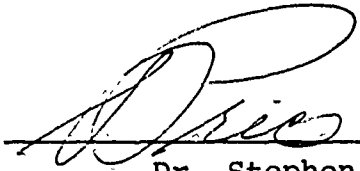
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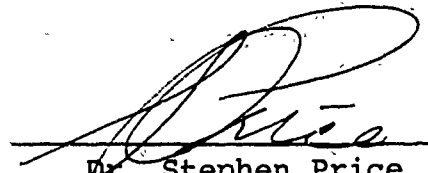
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Introduction

This document reports on the efforts of the MRC/UW/LLNL team to define the IRAS confused regions. We undertake to improve point source counts in a subset of the regions we define. The subset will be limited only by the availability of survey data in the regions which are identified as point source confused by the current (Ver 2.0) IRAS point source catalog (PSC). Available coincident AO data will be an important validation source.

The sensitivity and spatial resolution capabilities of the IRAS telescope failed to resolve individual sources in many regions of high source density. Approximately 10% of the sources catalogued in the PSC are tagged as 'confused' in some way; the location of a source, the number of sources at a location, the temporal occurrence and variation of a source, and/or the intensity of a source(s) was not discernible by the source identification/discrimination methods used to compile the PSC. In these regions of infrared clutter, the PSC can underestimate the number of point sources by as much as a factor of 3 to 5 in the IRAS Bands 1 and 2 (12 and 25 microns respectively).

Our analysis for improved source counts is designed to enhance the description and spatial definition of the mid- and long wavelength infrared celestial background, and includes generation of high spatial resolution images of the confused regions. Analysis of these images will improve the accuracy of source counts, locations, and flux estimates in the PSC. More detailed knowledge of the high source density regions will improve our ability to understand star formation and galactic evolution. It will also greatly improve our knowledge of a type of celestial background which presents a serious clutter problem for space-born surveillance system sensors. *Tables Data. (JMD)*

The IRAS Explanatory Supplement (ES) reports that the major areas affected by confusion in the 12 and 25 micron bands are mainly in the galactic plane, plus small regions in Orion, Cygnus, Ophiuchus, and the Magellanic clouds. The 'galactic plane region' is a band six to ten degrees wide centered on the galactic plane with 100 degrees of extent in galactic longitude on both sides of the center. Figures 1 and 2 show all-sky maps of these high source density regions for 12 and 25 microns, respectively as presented in the IRAS ES. Figure 3 is a montage of NASA-produced galactic plane sky flux plates for the galactic center region

(extent in galactic longitude is ± 37 degrees) at 12 microns. The three extracted sub-regions at the bottom of the figure are the initial areas of interest for MRC/UW/LLNL high-res re-imaging. The sub-regions are centered at $l = 30, 0,$ and 330 degrees, respectively. Each plate is approximately 16 square degrees.

Generation of Confusion Maps

MRC has generated a set of image maps identifying the IRAS point source confusion regions. Sources which appear in the maps have the confuse flag set in their PSC catalog entries. A set confuse flag results from repeated indications of a near neighbor(s) during catalog processing, and means that something other than an isolated source exists at the location in question.

During the last 2 months, we have developed utility FORTRAN software to identify, extract, and graphically display confused regions of interest selected from the tape release version of PSC (containing 245,889 source entries) using the point source confusion flags. For the purposes of our analysis, the binary image data files are displayed on a SUN SPARC(tm) workstation, using IDL(tm) (Research Systems, Inc.) in galactic coordinates, where the galactic latitude and longitude ($[l,b]$) position of a tagged "confused" source (calculated from the IRAS equatorial PSC coordinates) is used to map a given source to the appropriate image array pixel position ($[x,y]$), while the luminance value assigned to that pixel is mapped using various confusion flags.

The size of the output binary image, the region of interest in an $[l]$ and $[b]$ window, the IRAS band selection criteria, the point source limiting magnitude, and pixel luminance value mapping are all user defined variables, supplied to the main FORTRAN source code by a parameter file. The user also may specify whether to create: 1) a dump file containing the source name, position (both equatorial and galactic coordinates), and confusion flags; and/or 2) a source attributes files containing detailed information (e.g. stellar spectral type, astronomical catalog cross-identifications, etc.) about each extracted object. The source code is constructed to execute either in batch or interactive modes, with typical execution times of approximately 460 to 1300 sec on a SUN SPARC. The ability to identify confused regions at 12 and 25 microns from the PSC with this utility code will

guide the selection and acquisition of the proper AOs and survey data HCONs for the Hi-Res PSC Addenda initiative.

The most common usage of this utility software is to generate full sky scenes of IRAS band selected confused regions, with image luminance proportional to source confusion. The confusion flags listed in the PSC include an estimate of the number of neighboring sources around a given source that were found in either the point or small extended source Working Survey Data Base (WSDB), and a flag which was set during the seconds-confirmed, hours-confirmed, and/or band-merging process (ES, V.D and VII.H), designated the "confuse flag." As a primary discriminator of point source confused regions, we have utilized the confuse flag, which is related to the repeated occurrence of near neighbor confusion during the processing of a source.

The confuse flag (CFLAG) is hex-encoded by band, one bit per band (e.g. [12,25,60,100]), and may have any combination of values from [0000] = 0 hex (the confuse flag not set in any band), to [1111] = 15 hex, (the confuse flag set in all bands). Regions of high source density are well correlated with the distribution of sources in the PSC that have the confuse flag set. To further delineate the extent of confusion associated with a given source culled from the PSC, we can augment the confuse flag data bit with one additional band encoded flag, the small extended source neighbor counts (SES1, SES2), and two global flags, the point source neighbor flag (PNEARH, PNEARW), and a cirrus flag (CIRR1, CIRR2). Using the above data flags, luminance values (i_pixbit) can be assigned to the appropriate image pixel based on the following criteria:

- 1) $i_pixbit = CFLAG * (SES1[k] * SES2[k]) + PNEARH + PNEARW$
- 2) $i_pixbit = PNEARH + PNEARW$
- 3) $i_pixbit = CIRR1 + CIRR2$
- 4) $i_pixbit = CFLAG$
- 5) $i_pixbit = CFLAG * ((SES1[k]) * (SES2[k]))$
- 6) $i_pixbit = SES1[k] * SES2[k]$

where $[k]$ can have a value of 1 to 4 (i.e., IRAS Band 1 though 4). In confusion scenes generated by extracting more than a single IRAS band from the PSC, $SES_n[k]$ is a sum over the bands of interest. The range of possible luminance value pixel options were selected to: 1) separate global flags which are not band

encoded (1-3), from band specific flags (4-6); and 2) give a large dynamic range in luminance for ease of visual display.

Confusion Map Results

In Figure 4 we present the full sky 12 micron (IRAS Band 1) confusion map displayed in galactic coordinates. Increments in galactic longitude [l], (ranging from 0 to 360 degrees) are labeled on the horizontal axis of the image, while galactic latitude [b] (ranging from ± 90 degrees) is in the perpendicular direction. Regions extracted from the PSC to generate this scene have an "exact" selection criteria; only the 12 micron confuse flag bit is set (1000). This criteria will identify sources in the PSC that are confused solely in Band 1. The monochromatic value for all pixels in the image scene results from a luminance mapping using solely the confuse flag (option [4]). A total of 5,013 sources were extracted from the PSC with this source selection criteria. Areas of high source confusion at 12 microns include the galactic plane and the nuclear bulge. In addition, there are many regions located away from the plane ($|b| > 20$) that have been tagged as confused. At extreme latitudes ($|b| > 50$) the majority of these IRAS confused regions (32 %) have positional coincidences with evolved (K0-M0) and/or faint variable stars.

In Figure 5 we present the full sky 25 micron (IRAS Band 2) confusion map displayed in galactic coordinates. Increments in galactic longitude [l], (ranging from 0 to 360 degrees) are labeled on the horizontal axis of the image, while galactic latitude [b] (ranging from ± 90 degrees) is in the perpendicular direction. Regions extracted from the PSC to generate this scene have an "exact" selection criteria; only the 25 micron confuse flag bit is set (0100). This criteria will identify sources in the PSC that are confused solely in Band 2. The monochromatic value for all pixels in the image scene results from a luminance mapping using solely the confuse flag (option [4]). With this selection criteria, 2,468 sources were extracted from the PSC. Similar to what is seen in the 12 micron confusion source map (Fig. 4), regions of severe 25 micron confusion include the galactic plane ($b = 0$) and bulge regions. In addition, the Magellanic Clouds (approximately $l = 270$, $b = -25$), and the Orion HII region complex (approximately $l = 200$, $b = -20$) are prominent regions of confusion at 25 microns.

In Figure 6 we present the full sky 12/25 micron (IRAS Band 1 & 2) confusion map displayed in galactic coordinates. Increments in galactic longitude [l], (ranging from 0 to 360 degrees) are labeled on the horizontal axis of the image, while galactic latitude [b] (ranging from ± 90 degrees) is in the perpendicular direction. Regions selected from the PSC to generate this scene have either a 12 micron or 25 micron confusion bit set (an "any" selection criteria, which will extract any PSC source entry with a 1 present in the 12 or 25 bit). Utilizing a confuse flag luminance mapping (option [4]), the resulting scene (Fig. 6) has a range of image pixel values. With this selection criteria, 10,394 sources were extracted from the PSC.

The described Fortran utility and the all-sky confusion region images (Figures 4 - 6) it generated were used to make a preliminary definition of confused regions (in galactic coordinates):

1. GALACTIC PLANE

$b = \pm 10^\circ$ for $L = \pm 15^\circ$

$b = \pm 5^\circ$ for $15^\circ < L < 85^\circ$ and $-15^\circ > L > -85^\circ$

$b = \pm 3^\circ$ for $85^\circ < L < 100^\circ$ and $-85^\circ > L > -100^\circ$

2. ORION

$10 \times 10^\circ$ centered at $L = 208.23^\circ$, $b = -19.01^\circ$

3. CYGNUS

$2 \times 2^\circ$ centered at $L = 80.33^\circ$, $b = 0.86^\circ$

4. OPHIUCUS

$2 \times 2^\circ$ centered at $L = 353.57^\circ$, $b = 17.31^\circ$

5. LMC

$10 \times 10^\circ$ centered at $L = 303.15^\circ$, $b = -44.40^\circ$

6. SMC

$5 \times 5^\circ$ centered at $L = 278.81^\circ$, $b = -32.31^\circ$

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AO Data in Confused Regions

PSC addenda will result from point source extraction analysis of high resolution re-imaged IRAS survey data. High resolution reconstructed IRAS AO data will serve as a major source of validation for PSC addenda. AO data is of intrinsically higher spatial resolution in-scan since many of the AO macros were carried out at fractions of the survey scan rate. To insure consistency and reliability, point source extraction algorithm development will be done on regions with coincident survey and AO coverage. For these reasons one of the first tasks in the definition of confused regions, in terms of actual data, was to compile lists of all the AO data available in high source density regions.

Lists of AOs for the confused regions were extracted from the IRAS AO catalog by UW personnel at Aerospace Corp. Queries for the region ± 10 degrees galactic latitude centered on the galactic plane, and ± 100 degrees galactic longitude, from the galactic center, resulted in lists totalling approximately 400 AO fields. Queries for the Magellanic cloud regions resulted in 49 AOs in 18 fields (SMC) and 204 AOs in 62 fields (LMC). Plots and lists of the AO coverage in the plane region are included in this document as an appendix. Figure 7 is the AO occurrence position plot for the SMC region with overlays which show the extent of the regions included in the AOs whose position markers are circled. A great deal of coverage redundancy is evident on this plot. This spatial redundancy over time will be useful for validation of new or amended entries in the PSC Addenda.

A subset of these AOs was chosen for the first data requests from IPAC to satisfy three interests: 1) AOs were chosen to be coincident with existing survey data already resident at MRC; 2) AOs were chosen because they represent a control region or a particularly difficult or interesting area; and 3) AOs were chosen to give the UW AO processing team exposure to data from a variety of AO macro structures.

To date, we have eight AO fields along the plane at various galactic longitudes, whose centers are ± 0.5 degrees galactic latitude. Table 1 lists the AO fields which have been requested and received, and the AO fields which have been requested and are due to be received by mid-summer.

Some preliminary high-res image reconstruction processing has been done on several AO fields with different macros (scan structures) at UW. So far, two of the AO macro scan structures are presenting problems for the existing high-res reconstruction algorithms. The DPS60D macro has no cross-step, so while there is improved sensitivity in the scanned regions, cross-scan sampling is very sparse. Thus, the reconstructions are much less reliable in the cross-scan dimension than in-scan. Fields scanned with this macro may not be useful in the re-imaging effort. A second problem stems from the fact that the UW/Aerospace pre-processing algorithm depends on spatially adjacent scans for each detector to estimate the detector dark noise. The DSD01A macro has a short scan length which results in a scan pattern over the field which has insufficient same-detector adjacency for the described algorithm to make a reliable estimate. A method of estimating dark bias which is not dependent on the scan pattern will have to be worked out.

To date, we have received survey data for several preliminary regions from IPAC. MRC has a two square degree section centered at $l = 28$ degrees, $b = 0$ degrees ($RA = 280.7$ degrees, $Dec = -3.3$ degrees). We have also received six overlapping sections of survey data in the vicinity of $l = 336$ degrees, $b = 0$ degrees. Each section is three square degrees, and together they cut a swath across the galactic plane. The whole set is centered at $RA = 247.5$ degrees, $Dec = -47$ degrees, extending from 240 to 255 degrees in RA , and from 43.5 to 52.5 degrees in Dec . MRC has reconstructed (without special high-res processing) the $l28, b0$ field, and three of the sections around $l336$, including the on-plane field. MRC has requested from IPAC a ten square degree section of survey footprint data at the galactic center, and we expect to receive these data this summer.

The confusion maps generated by MRC will be used to guide the selection of candidate IRAS data fields for re-imaging. In the event that the confusion maps indicate a candidate region for re-imaging, and good AO coverage does not exist for that region, survey data re-imaging will still be performed. PSC addenda will result, but without the larger certainty that could be added by AO validation.

TABLE 1

AO FIELDS REQUESTED AND RECEIVED

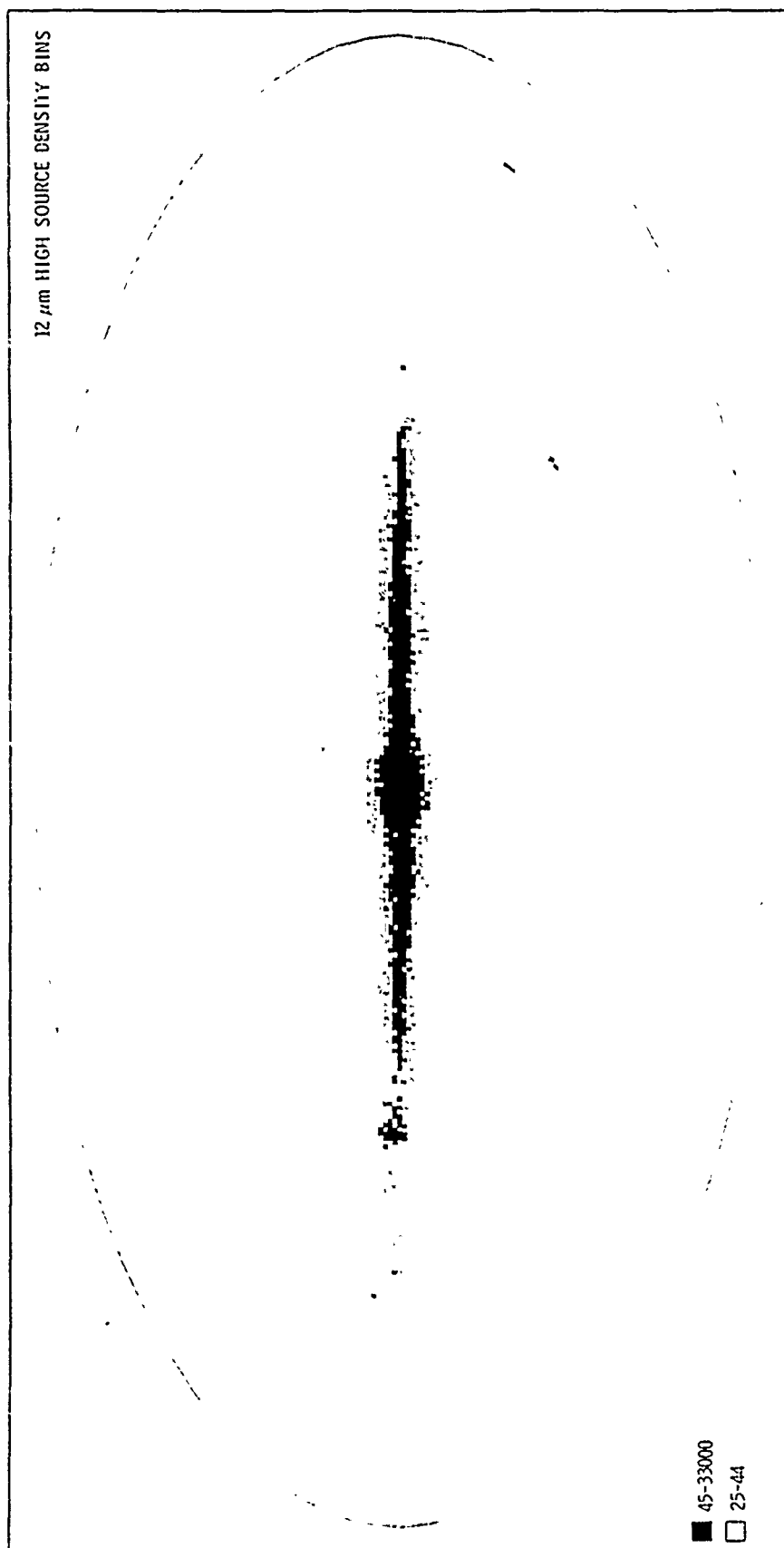
AO ID	RA	DEC	L	B	Macro
GS0954	275.1°	-13.9°	17.5°	-0.2°	DSD01A
GS0960	277.2	-10.1	21.7	-0.3	DSD01A
GS0808	282.4	0.8	33.8	-0.0	DSD01A
GS0772	258.1	-38.3	348.7	-0.1	DSD01A
GS0468	305.1	37.2	75.8	+0.2	DPS02B
GS0626	7.8	62.6	121.0	0.2	DPS02B
MC2400	197.3	-62.3	305.3	+0.3	DPS62D
GS0513	280.7	-03.3	29.3	-0.1	DPS60B

AO FIELDS REQUESTED

GS0754	246.4°	-46.1°	337.2	1.5	DPS60D
GS0759	249.3	-48.6	336.7	-1.6	DPS60D
GS0758	249.3	-47.9	337.2	-1.1	DPS60D
GS07538	252.54	-42.3	343.0	0.8	DPS60D
MC0294	253.8	-50.6	337.1	-5.1	DPS52B
GS0599	160.8	-59.2	287.6	-0.6	DPS02B
GS0624	185.4	-61.5	299.7	0.8	DPS02B
GS0614	206.4	-61.2	309.8	0.5	DPS02B
GS0567	300.8	32.0	69.5	0.3	DPS02B
GS0571	305.1	37.2	75.8	0.3	DPS02B

FIGURE 1

The all-sky map of IRAS high source density regions at 12 microns (Band 1) as presented in the IRAS Explanatory Supplement (ES).

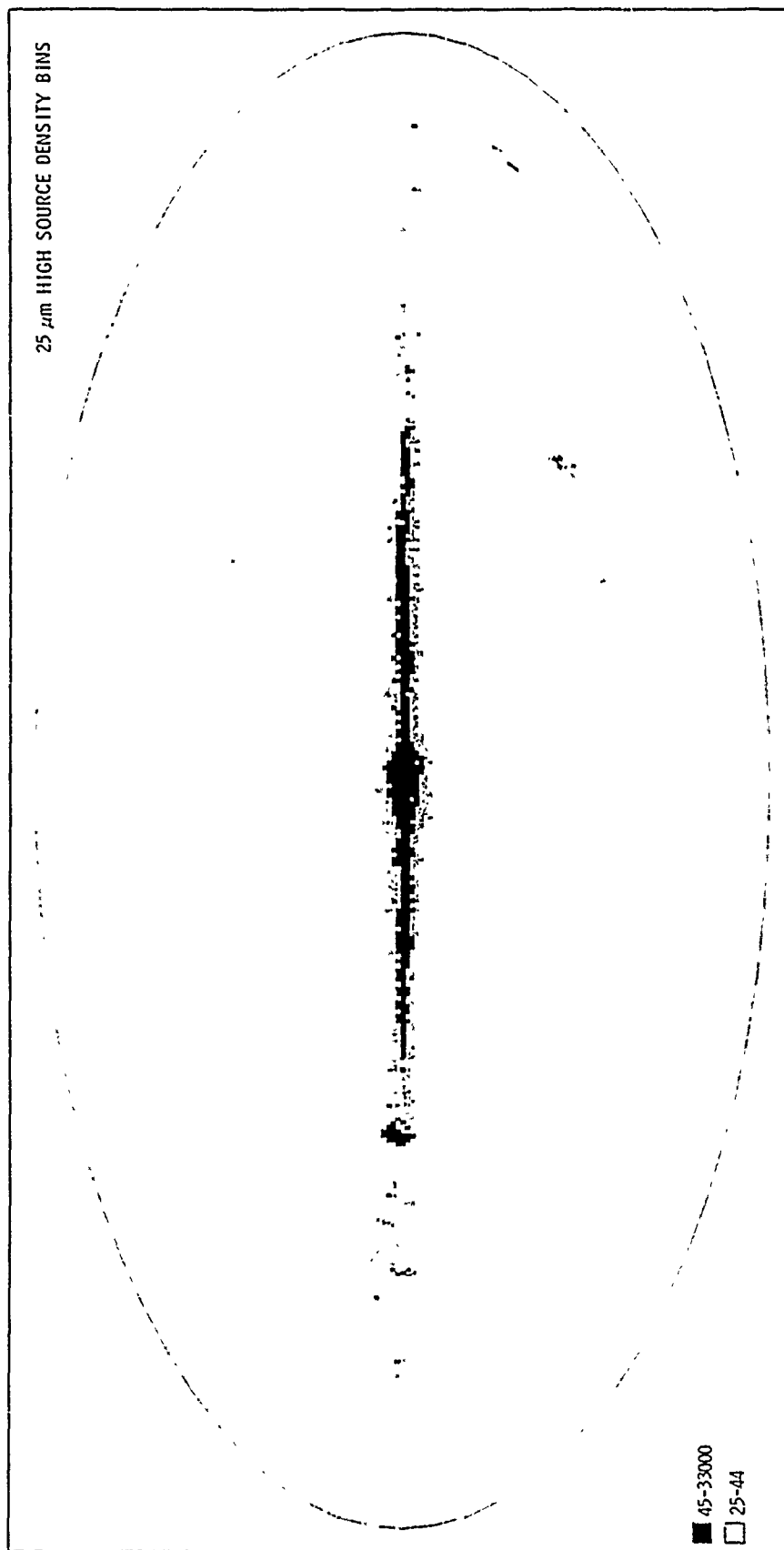


The parts of the 12 μm sky processed according to high source density rules are shown in an Aitoff projection in Galactic coordinates. The black regions contain more than 45 sources per sq. deg, the threshold for high source density processing; the grey areas contain more than 25 sources per sq. deg, one-half the confusion limit.

FIGURE 1

FIGURE 2

The all-sky map of IRAS high source density regions at 25 microns (Band 2) as presented in the IRAS Explanatory Supplement (ES).



The parts of the 25 μ m sky processed according to high source density rules are shown in an Aitoff projection in Galactic coordinates. The black regions contain more than 45 sources per sq. deg, the threshold for high source density processing; the grey areas contain more than 25 sources per sq. deg, one-half the confusion limit.

FIGURE 2

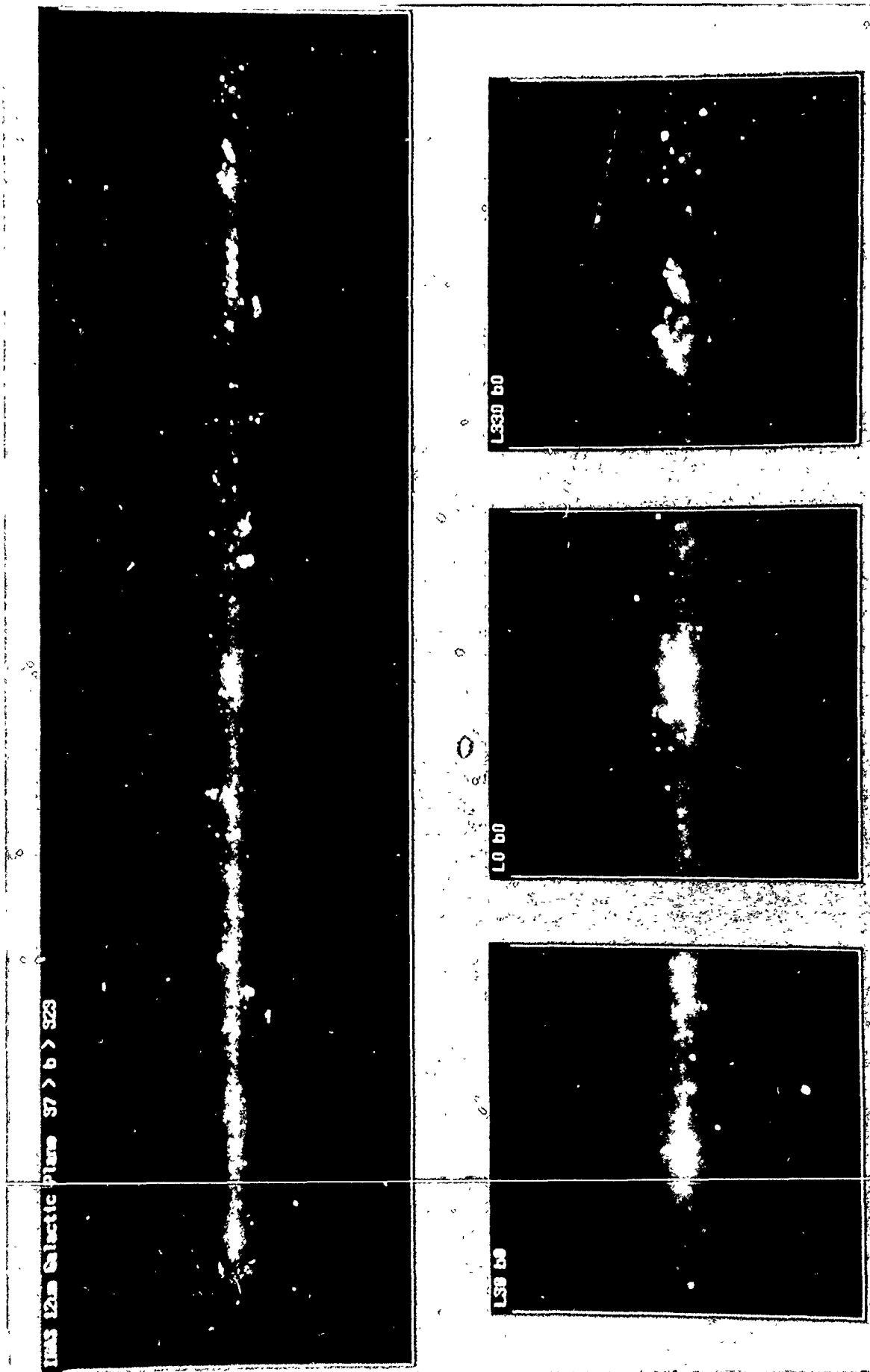


Figure 3. Initial IRAS survey high-res re-imaging regions: 12 micron NASA-produced galactic plane sky flux plates for the Galactic Center regions centered at $l = 30.0$, and 330 degrees (left to right on lower sub-panels respectively).

GL/MRC - IRAS Confused Regions: Band 12 (exact) Luminance-Hex coded PSC confusion flag

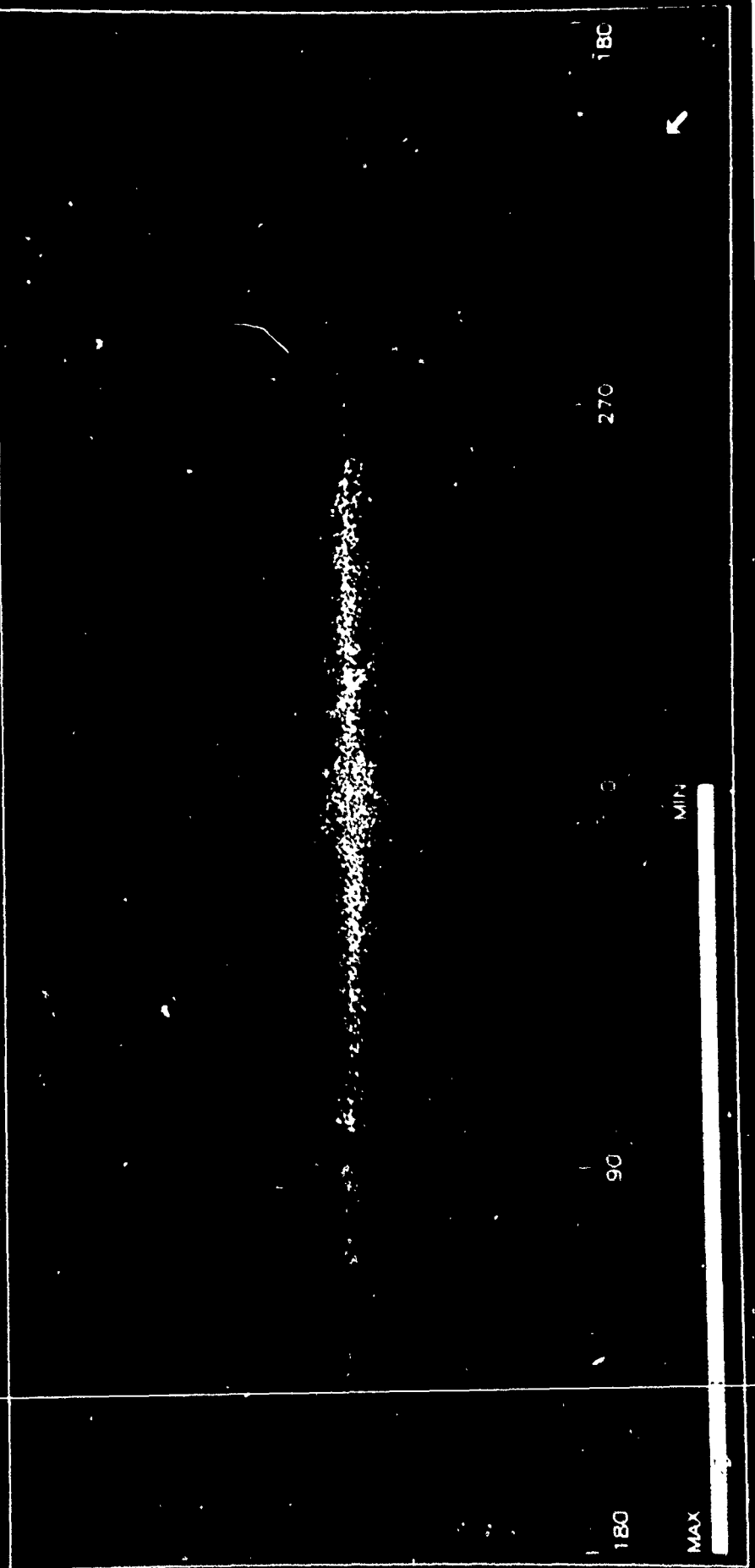


Figure 4. The full sky IRAS Band 1 (12 micron) confused source map generated from the PSC (Ver 2.0) by extracting sources with a confuse flag bit selection criteria (exact match of bits) of [1000]. The image is in galactic coordinates, with increments of galactic longitude [l] labeled on the horizontal dimension, while galactic latitude [b] (ranging from ± 90 degrees) is in the perpendicular direction. The pixel luminance value in this scene is monochromatic (proportional solely to the confuse flag).

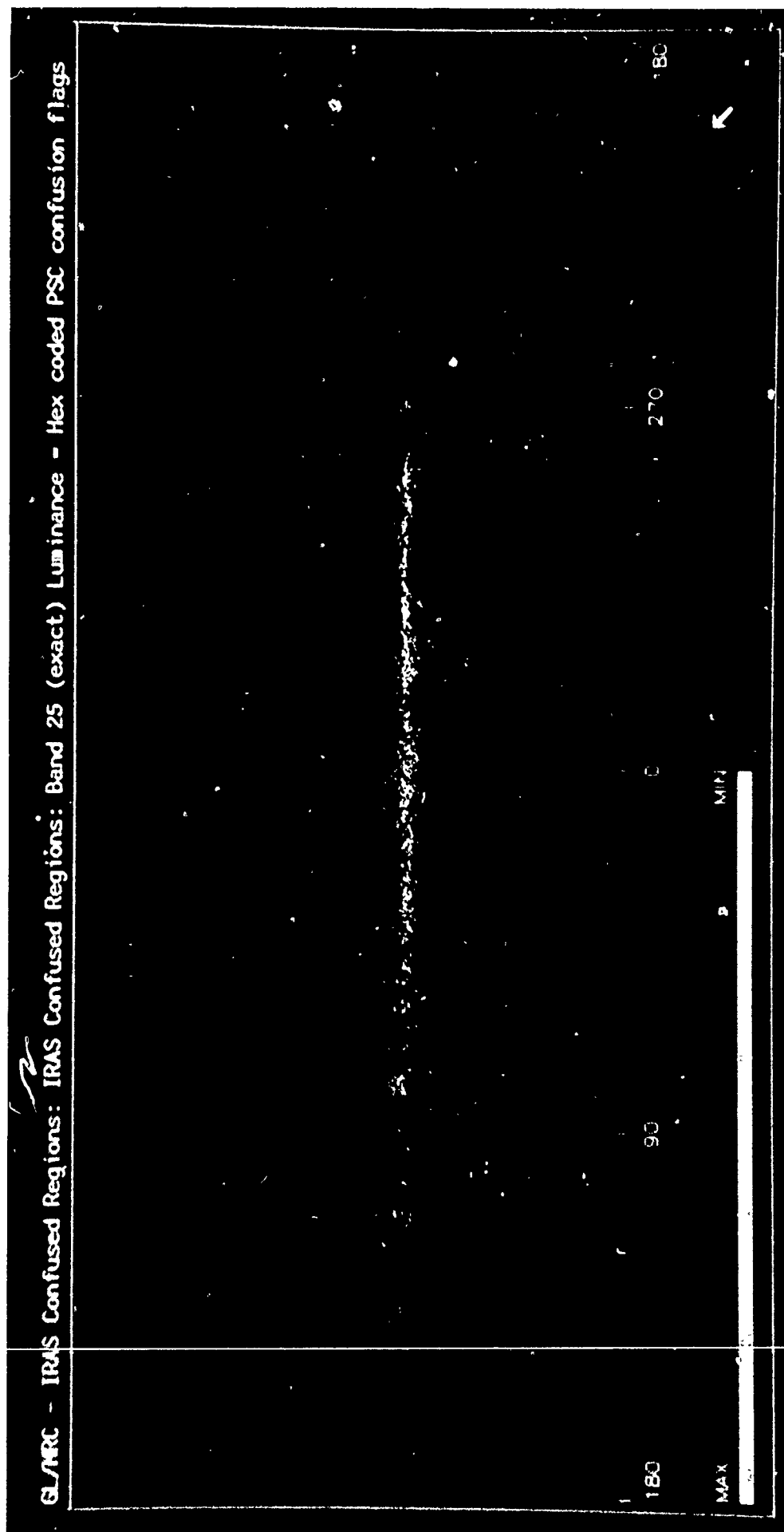


Figure 5. The full sky IRAS Band 2 (25 micron) confused source map generated from the PSC (Ver 2.0) by extracting sources with a confuse flag bit selection criteria (exact match of bits) of [0100]. The image is in galactic coordinates, with increments of galactic longitude [l] labeled on the horizontal dimension, while galactic latitude [b] (ranging from ± 90 degrees) is in the perpendicular direction. The pixel luminance value in this scene is monochromatic (proportional solely to the confuse flag).

GL/MC - IRAS Confused Regions: Bands 12/25 (any) Luminance - Hex coded PSC confusion flags

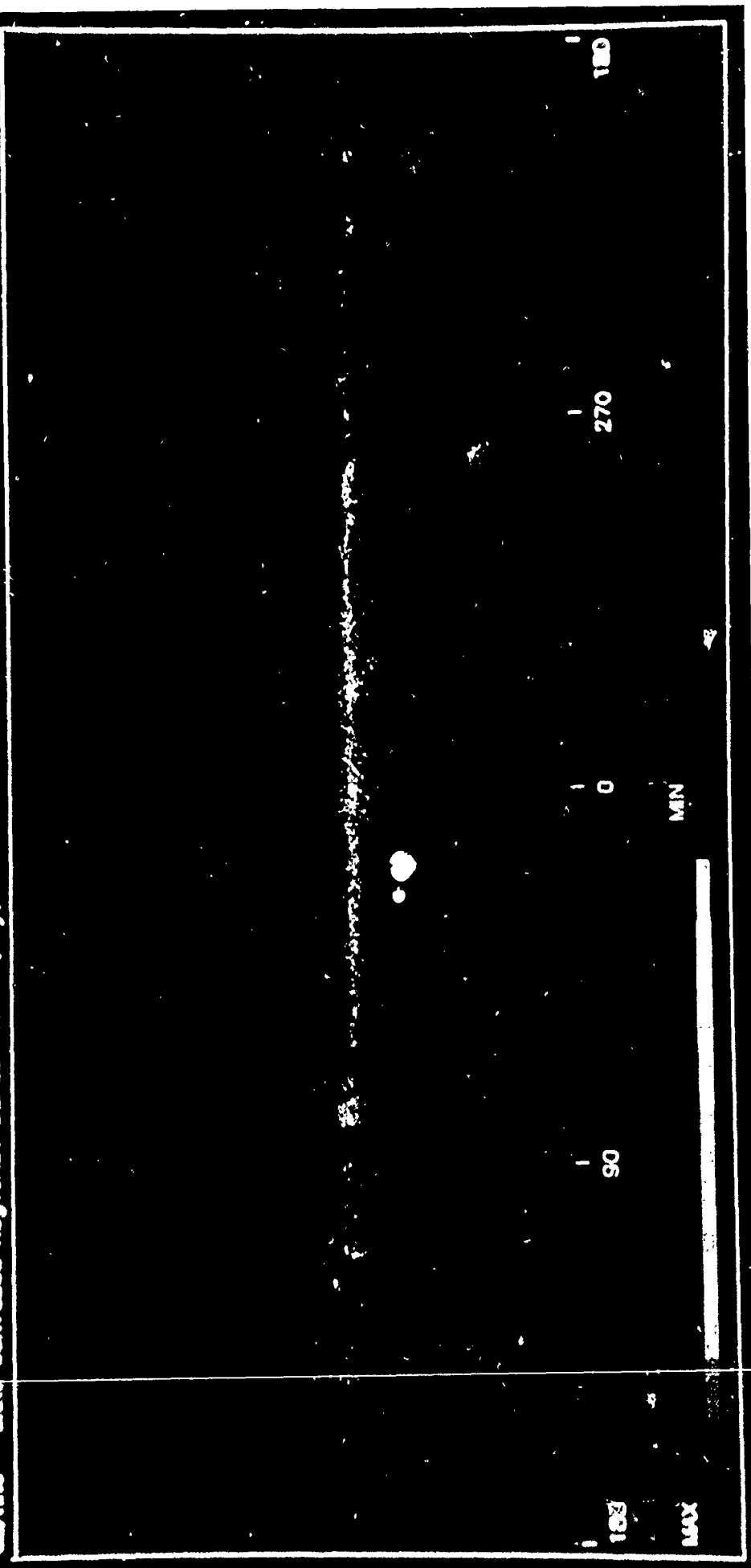


Figure 6. The full sky IRAS Band 1 and 2 (12 and 25 micron) confused source map generated from the PSC (Ver 2.0) by extracting sources with a confuse flag bit selection criteria (any match in either bit) of [1100]. The image is in galactic coordinates, with increments of galactic longitude [l] labeled on the horizontal dimension, while galactic latitude [b] (ranging from ± 90 degrees) is in the perpendicular direction. The pixel luminance value in this scene is proportional to the integer value of the hex-coded confuse flag.

FIGURE 7

The AO occurrence position plot for the SMC region. The rectangular overlays indicate the extent of the regions covered in the AOs whose position markers are circled.

SMALL MAGELLANIC CLOUD AO'S

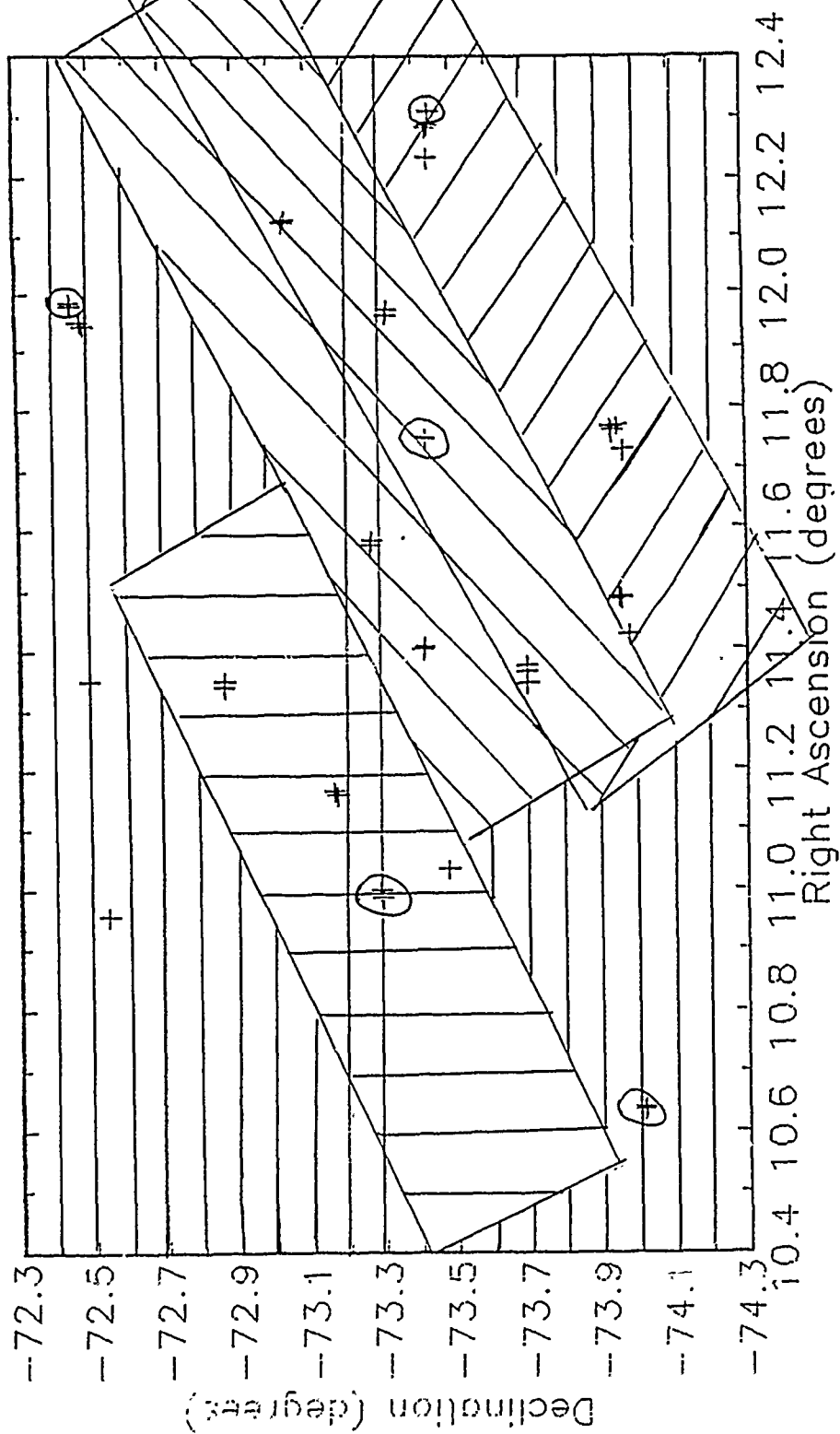


FIGURE 7

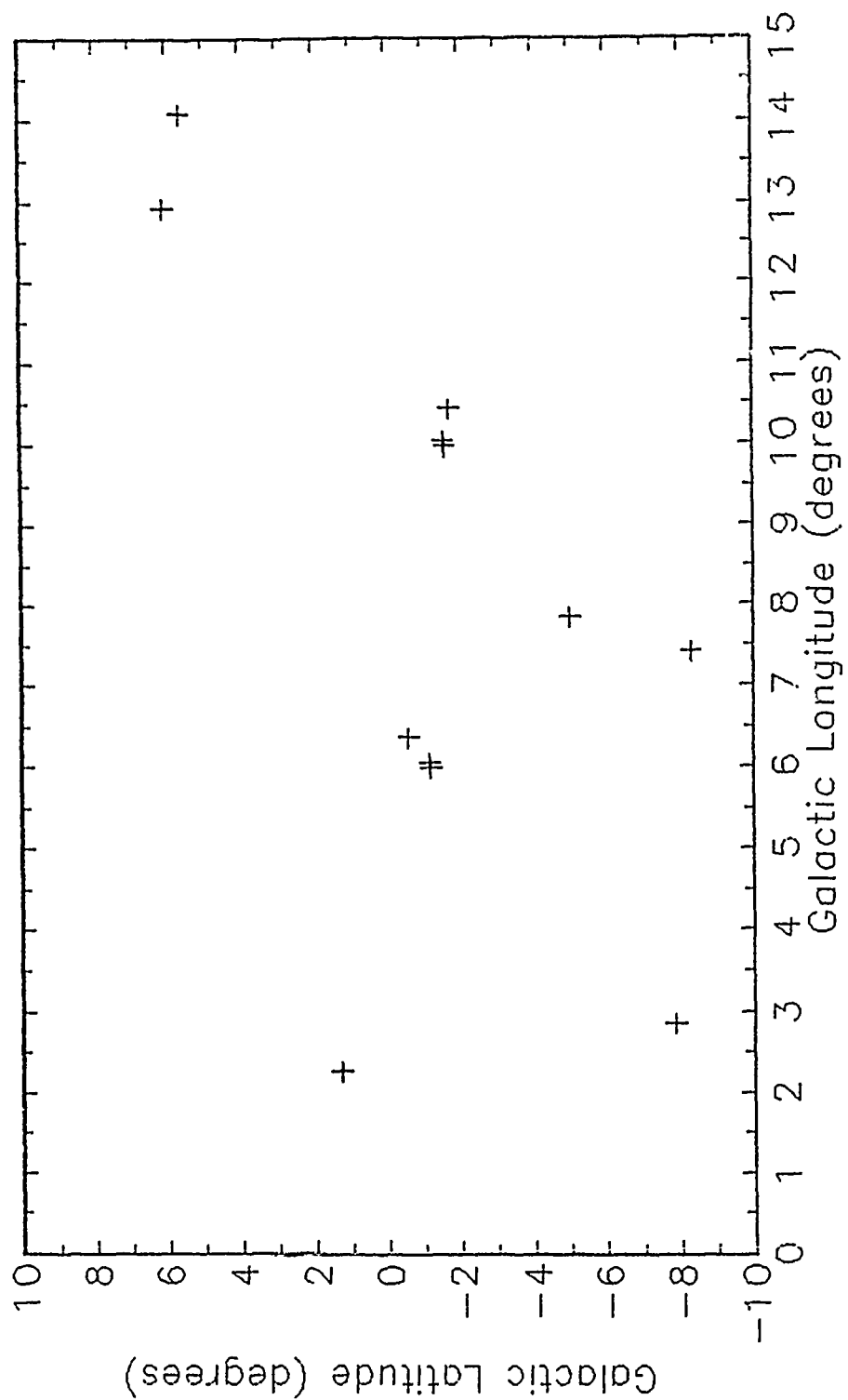
APPENDIX I.

Listing and positional plots of AOs for confused regions in the plane extracted from the IRAS AO catalog.

IRAS GALACTIC PLANE REGIONS

Region	Galactic Longitude (degrees)	Right Ascension (degrees)	Declination (degrees)
I	0 - 15	269.9	-22.5
II	15 - 30	277.4	- 9.3
III	30 - 45	284.3	4.0
IV	45 - 60	291.5	17.2
V	60 - 75	299.8	30.2
VI	75 - 90	310.6	42.5
VII	90 - 100	323.1	51.6
VIII	260 - 270	132.8	-44.4
IX	270 - 285	146.2	-53.2
X	285 - 300	170.4	-60.8
XI	300 - 315	201.5	-62.3
XII	315 - 330	229.8	-56.8
XIII	330 - 345	248.4	-47.0
XIV	345 - 360	260.8	-35.2

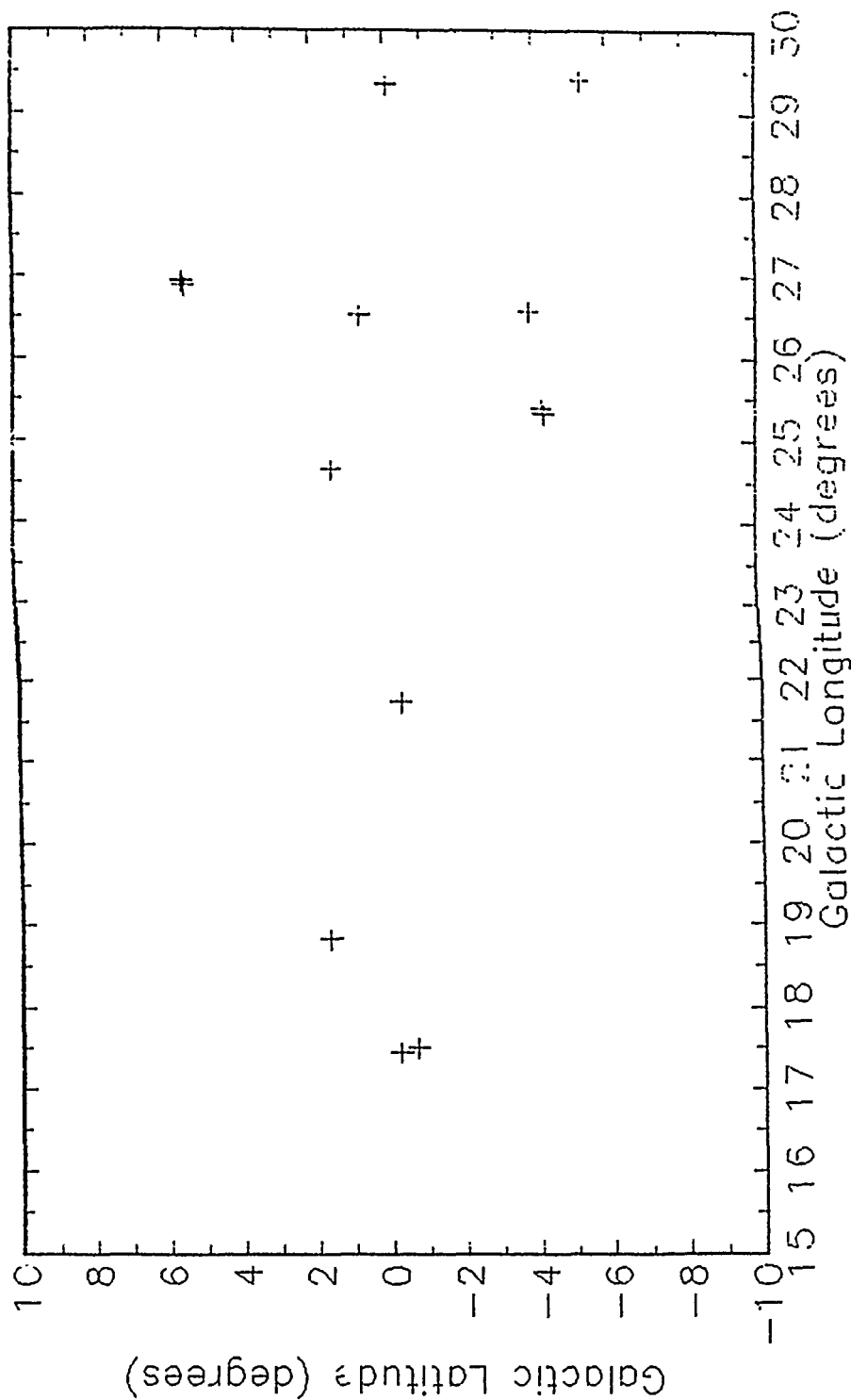
GALACTIC PLANE AO'S



$$15^{\circ} > \ell > 0^{\circ}$$

GS0853	DSD01A	12214	265.656	-26.2577	2.281644	1.312108
GS0878	DSD01A	12323	265.6643	-26.2823	2.264639	1.292832
GS0853	DSD01A	12588	265.665	-26.2571	2.286404	1.30556
GS0878	DSD01A	12522	265.6753	-26.2826	2.269576	1.284288
BS0637	DPS60D	12083	267.1965	-14.7208	12.92183	6.054751
BS0637	DPS60D	12084	267.1965	-14.7208	12.92183	6.054751
BS0453	DPS60D	10958	267.198	-14.7117	12.93046	6.058124
BS0453	DPS60D	10959	267.198	-14.7117	12.93046	6.058124
BS0483	DPS60D	11818	268.1965	-13.9319	14.09823	5.617113
BS0483	DPS60D	11819	268.1965	-13.9319	14.09823	5.617113
BS0640	DPS60D	12321	268.1992	-13.9418	14.09095	5.609873
BS0640	DPS60D	12322	268.1992	-13.9418	14.09095	5.609873
GS0895	DSD01A	12873	269.7515	-23.7236	6.36061	-5.74841
GS0895	DSD01A	12862	269.7534	-23.726	6.359401	-5.77547
GS0793	DPS60D	12149	270.1343	-24.2823	6.050754	-1.1566
GS0793	DPS60D	12150	270.1343	-24.2823	6.050754	-1.1566
GS0793	DPS60D	11946	270.1484	-24.3603	5.989471	-1.20655
GS0793	DPS60D	11947	270.1484	-24.3603	5.989471	-1.20655
GS0799	DPS60D	12288	272.6304	-21.0161	10.02796	-1.56048
GS0799	DPS60D	12289	272.6304	-21.0161	10.02796	-1.56048
GS0799	DPS60D	12232	272.6335	-21.0784	9.974838	-1.59319
GS0799	DPS60D	12233	272.6335	-21.0784	9.974838	-1.59319
GS0800	DPS60D	12311	273.0005	-20.7499	10.42832	-1.73448
GS0800	DPS60D	12312	273.0005	-20.7499	10.42832	-1.73448
GS0923	DPS60D	12485	273.0059	-20.7504	10.43032	-1.73914
GS0923	DPS60D	12486	273.0059	-20.7504	10.43032	-1.73914
SY0136	DPS60M	11575	274.7786	-24.5852	7.83309	-5.00402
SY0136	DPS60M	11576	274.7786	-24.5852	7.83309	-5.00402
BS0646	DPS61D	12968	275.0583	-30.2972	2.858697	-7.87819
BS0646	DPS61D	12969	275.0583	-30.2972	2.858697	-7.87819
BS0646	DPS61D	12980	275.0596	-30.2966	2.859756	-7.87891
BS0646	DPS61D	12981	275.0596	-30.2966	2.859756	-7.87891
BS0484	DPS60D	12618	277.8267	-26.4762	7.413705	-8.31552
BS0484	DPS60D	12619	277.8267	-26.4762	7.413705	-8.31552
BS0647	DPS60D	13264	277.8318	-26.4742	7.41758	-8.3187
BS0647	DPS60D	13265	277.8318	-26.4742	7.41758	-8.3187

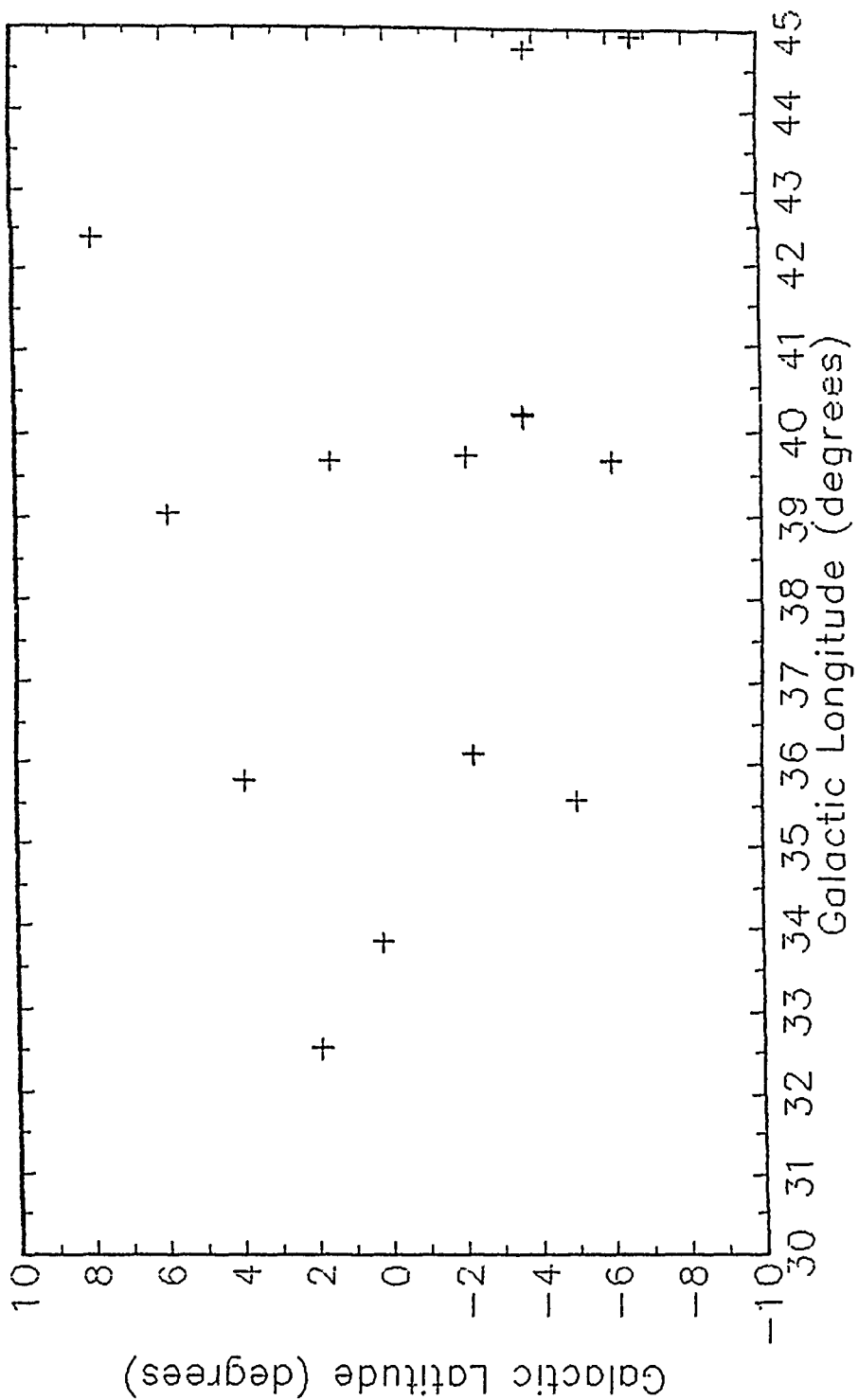
GALACTIC PLANE AO'S



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GS0924	DSD01A	12787	274.0837	-11.7573	18.81451	1.676977
GS0924	DSD01A	12777	274.084	-11.7565	18.81536	1.677104
BS0503	DPS60D	11870	274.6086	-2.8449	26.92523	5.444702
BS0503	DPS60D	11871	274.6086	-2.8449	26.92523	5.444702
BS0503	DPS60D	11446	274.6182	-2.839	26.93498	5.439003
BS0503	DPS60D	11447	274.6182	-2.839	26.93498	5.439003
BS0503	DPS60D	11742	274.6245	-2.92	26.86609	5.395443
BS0503	DPS60D	11743	274.6245	-2.92	26.86609	5.395443
GS0954	DSD01A	12958	275.1099	-13.8525	17.44895	-.201001
GS0954	DSD01A	12945	275.1104	-13.8522	17.44945	-.201285
GS0955	DPS60D	12966	275.5488	-14.0129	17.50959	-.652128
GS0955	DPS60D	12967	275.5488	-14.0129	17.50959	-.652128
GS0955	DPS60D	12978	275.5496	-14.0128	17.51004	-.652765
GS0955	DPS60D	12979	275.5496	-14.0128	17.51004	-.652765
GS0842	DSD01A	12886	277.0935	-6.7365	24.64475	1.433082
GS0842	DSD01A	13009	277.0935	-6.7357	24.64555	1.43328
GS0960	DSD01A	13740	277.2456	-10.1265	21.71962	-.28734
GS0960	DSD01A	13232	277.2493	-10.1233	21.72415	-.28906
BS0585	DPS60D	12212	278.6548	-5.4521	26.50541	.6587841
BS0585	DPS60D	12213	278.6548	-5.4521	26.50541	.6587841
BS0585	DPS60D	11329	278.6685	-5.4432	26.51963	.6508479
BS0585	DPS60D	11330	278.6685	-5.4432	26.51963	.6508479
GS0513	DPS60B	1994	280.6606	-3.2912	29.3472	-.111562
GS0513	DPS60B	1995	280.6606	-3.2912	29.3472	-.111562
GS0513	DPS60B	2450	280.6711	-3.3	29.34424	-.124926
GS0513	DPS60B	2451	280.6711	-3.3	29.34424	-.124926
BS0555	DPS60D	13090	282.5232	-8.7163	25.37966	-4.25267
BS0555	DPS60D	13091	282.5232	-8.7163	25.37966	-4.25267
BS0555	DPS60D	13156	282.5376	-8.7903	25.32018	-4.29914
BS0555	DPS60D	13157	282.5376	-8.7903	25.32018	-4.29914
GS0971	DPS60D	13329	282.5681	-8.8174	25.30981	-4.33834
GS0971	DPS60D	13330	282.5681	-8.8174	25.30981	-4.33834
GS0983	DPS60D	13999	282.5725	-8.8238	25.3061	-4.34513
GS0983	DPS60D	14000	282.5725	-8.8238	25.3061	-4.34513
MC2888	DPS62D	13298	282.7493	-7.5068	26.56058	-3.89844
MC2888	DPS62D	13299	282.7493	-7.5068	26.56058	-3.89844
MC2888	DPS62D	13125	282.751	-7.5076	26.56064	-3.9003
MC2888	DPS62D	13126	282.751	-7.5076	26.56064	-3.9003
SY0162	DPS61D	14601	285.3359	-5.6427	29.40235	-5.33164
SY0162	DPS61D	14602	285.3359	-5.6427	29.40235	-5.33164

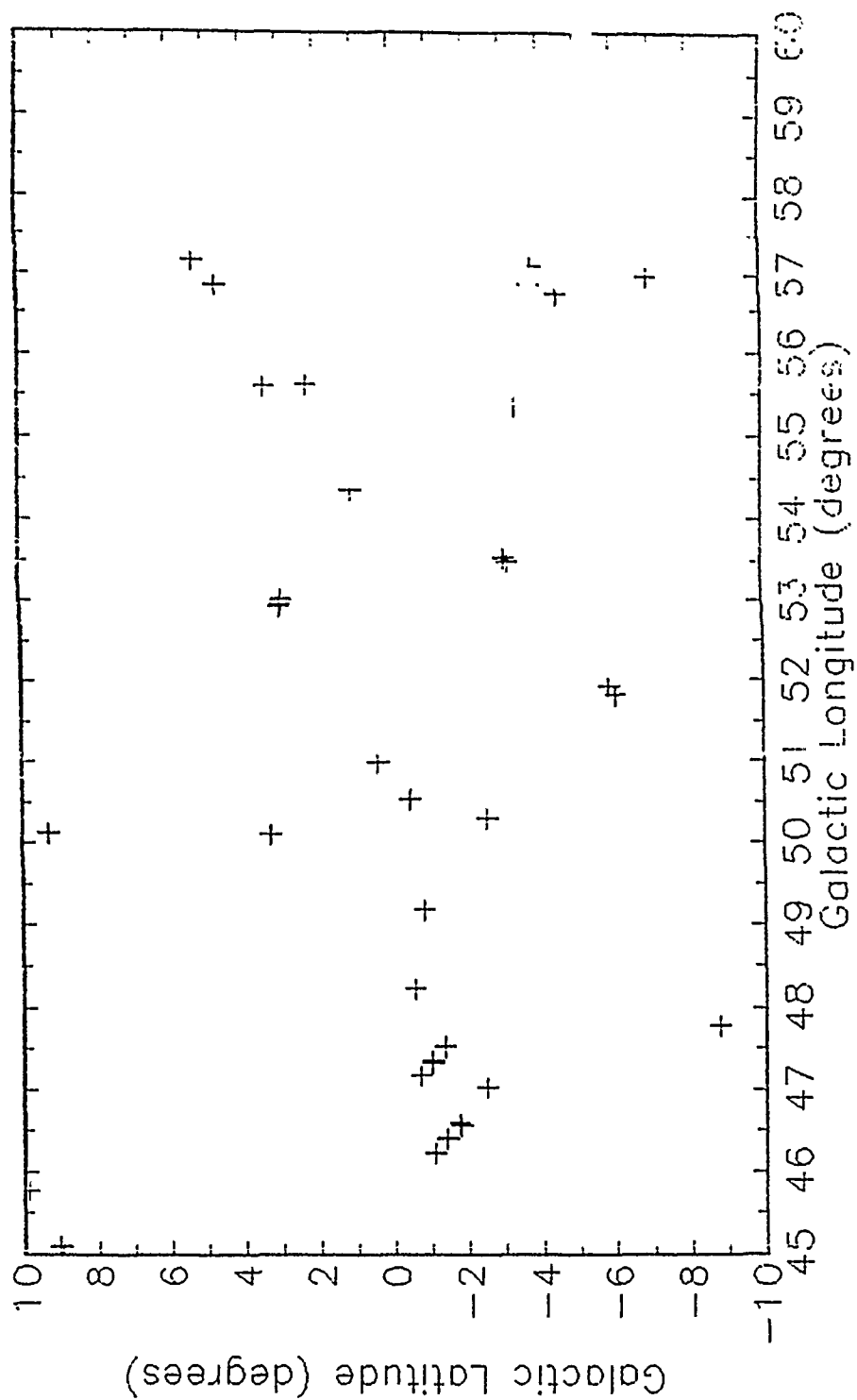
GALACTIC PLANE AO'S



$$45^{\circ} > \ell > 30^{\circ}$$

GS0454	DPS60B	1652	279.4663	11.9129	42.36384	7.901279
GS0454	DPS60B	1653	279.4663	11.9129	42.36384	7.901279
GS0454	DPS60B	1707	279.4702	11.9189	42.37098	7.900549
GS0454	DPS60B	1708	279.4702	11.9189	42.37098	7.900549
GS0453	DPS60B	1668	279.7747	8.0701	39.04649	5.897656
GS0453	DPS60B	1669	279.7747	8.0701	39.04649	5.897656
GS0453	DPS60B	1754	279.7783	8.0708	39.04874	5.894799
GS0453	DPS60B	1755	279.7783	8.0708	39.04874	5.894799
GS0452	DPS60B	1672	280.0715	4.2681	35.78701	3.898504
GS0452	DPS60B	1673	280.0715	4.2681	35.78701	3.898504
GS0452	DPS60B	1654	280.074	4.2556	35.77702	3.890552
GS0452	DPS60B	1655	280.074	4.2556	35.77702	3.890552
GS0451	DPS60B	1688	280.3662	.4592	32.5374	1.882968
GS0451	DPS60B	1689	280.3662	.4592	32.5374	1.882968
GS0451	DPS60B	1736	280.3674	.4763	32.55313	1.889799
GS0451	DPS60B	1737	280.3674	.4763	32.55313	1.889799
GS0808	DSD01A	12548	282.4399	.8284001	33.82248	.2140743
GS0808	DSD01A	12894	282.4451	.8298001	33.82613	.2101087
BS0586	DPS60D	11996	283.9683	6.6401	39.68221	1.545686
BS0586	DPS60D	11997	283.9683	6.6401	39.68221	1.545686
BS0586	DPS60D	12057	283.9685	6.6413	39.68337	1.546064
BS0586	DPS60D	12058	283.9685	6.6413	39.68337	1.546064
GS0984	DSD01A	13768	285.7041	1.7126	36.1161	-2.27052
GS0984	DSD01A	13933	285.7073	1.6999	36.10632	-2.27924
BS0800	DPS61D	14422	287.2576	4.9794	39.73191	-2.12355
BS0800	DPS61D	14423	287.2576	4.9794	39.73191	-2.12355
BS0800	DPS61D	14483	287.2593	4.9803	39.7335	-2.12463
BS0800	DPS61D	14484	287.2593	4.9803	39.7335	-2.12463
SF0086	DSD01A	14098	287.8674	-.0604	35.54666	-5.00898
SF0086	DSD01A	14320	287.8772	-.0577	35.55362	-5.01641
BS0535	DPS60D	12624	288.7981	4.6913	40.19667	-3.6148
BS0535	DPS60D	12625	288.7981	4.6913	40.19667	-3.6148
BS0535	DPS60D	12734	288.8083	4.6673	40.18021	-3.63504
BS0535	DPS60D	12735	288.8083	4.6673	40.18021	-3.63504
BS0752	DPS61D	14109	290.6697	3.0905	39.65972	-6.01539
BS0752	DPS61D	14110	290.6697	3.0905	39.65972	-6.01539
BS0509	DPS61D	12838	290.6819	3.1138	39.68616	-6.01517
BS0509	DPS61D	12839	290.6819	3.1138	39.68616	-6.01517
SF0292	DSD01A	14753	291.1023	8.638501	44.76625	-3.76114
SF0292	DSD01A	15008	291.1096	8.632	44.76398	-3.77059
MC0003	DPS52B	1613	293.7358	7.3932	44.92957	-6.64636
MC0003	DPS52B	1614	293.7358	7.3932	44.92957	-6.64636
MC0003	DPS52B	1634	293.7385	7.3789	44.91828	-6.65562
MC0003	DPS52B	1635	293.7385	7.3789	44.91828	-6.65562

GALACTIC PLANE AO'S



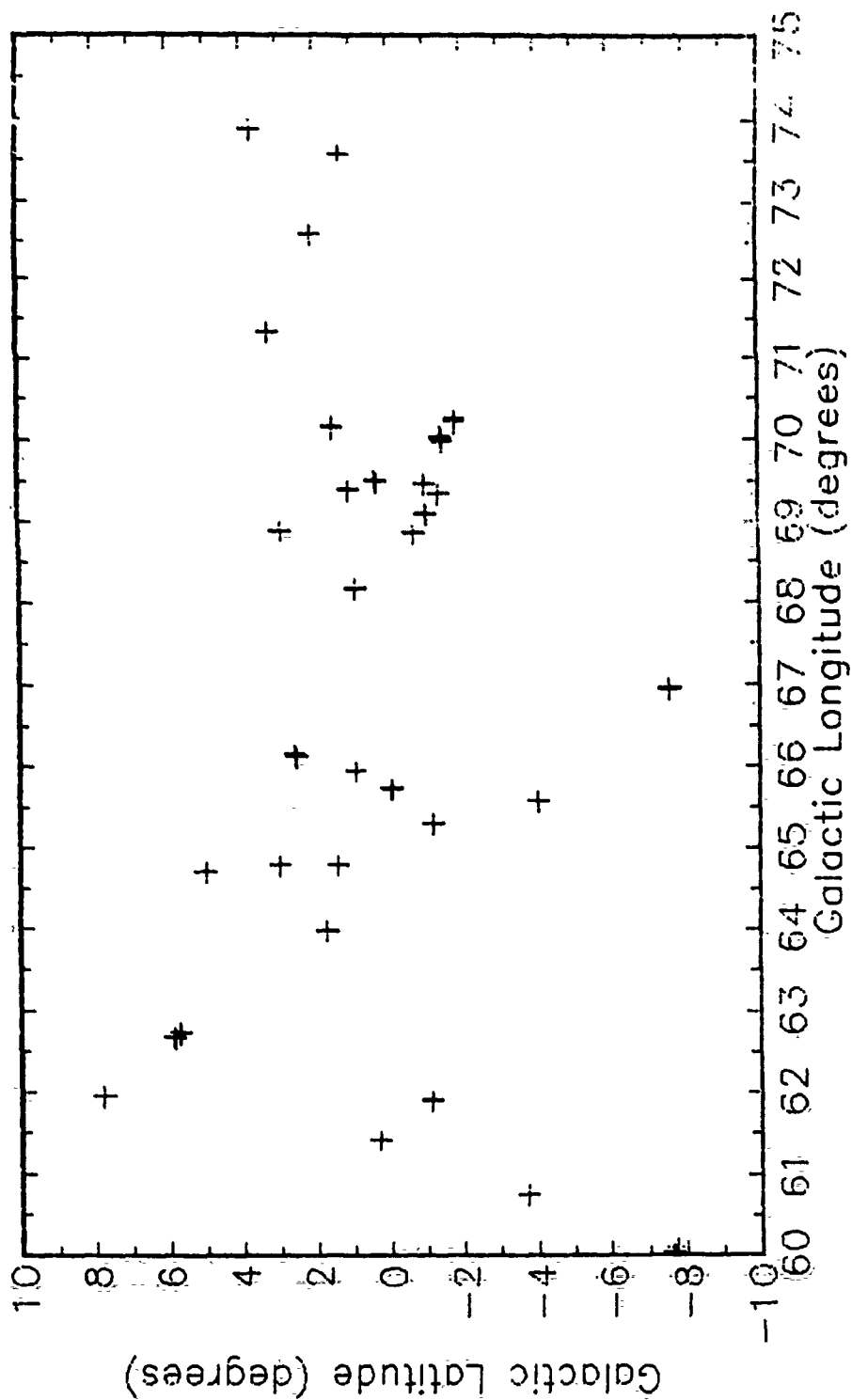
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GS0455	DPS60B	1670	279.1428	15.8201	45.76975	9.91224
GS0455	DPS60B	1671	279.1428	15.8201	45.76975	9.91224
GS0455	DPS60B	1710	279.1472	15.8211	45.77255	9.908871
GS0455	DPS60B	1711	279.1472	15.8211	45.77255	9.908871
SF0194	DPS62D	14034	279.6208	14.8526	45.09411	9.072903
SF0194	DPS62D	14035	279.6208	14.8526	45.09411	9.072903
SF0194	DPS62D	14447	279.6311	14.8316	45.07948	9.054699
SF0194	DPS62D	14448	279.6311	14.8316	45.07948	9.054699
SF0193	DPS62D	14156	281.6868	19.4221	50.13069	9.309397
SF0193	DPS62D	14157	281.6868	19.4221	50.13069	9.309397
SF0193	DPS62D	13956	281.6929	19.4075	50.11995	9.297826
SF0193	DPS62D	13957	281.6929	19.4075	50.11995	9.297826
GS0810	DSD01A	12712	287.3247	16.6783	50.10837	3.288374
GS0810	DSD01A	12647	287.3289	16.6804	50.11211	3.285791
BS0374	DPS61D	12985	288.9609	23.8155	57.15805	5.256881
BS0374	DPS61D	12986	288.9609	23.8155	57.15805	5.256881
BS0374	DPS61D	12892	288.9626	23.8176	57.16064	5.256484
BS0374	DPS61D	12893	288.9626	23.8176	57.16064	5.256484
MC2933	DSD01A	14162	288.9646	19.0163	52.90928	3.0038
MC2933	DSD01A	14699	288.9778	19.027	52.92462	2.997831
MC2302	DSD01A	12824	289.009	19.0323	52.94322	2.974312
MC2302	DSD01A	12927	289.0107	19.0307	52.94256	2.97214
MC0557	DPS52B	1341	289.0972	19.056	53.0035	2.911955
MC0557	DPS52B	1342	289.0972	19.056	53.0035	2.911955
MC0557	DPS52B	1390	289.0991	19.071	53.01759	2.917445
MC0557	DPS52B	1391	289.0991	19.071	53.01759	2.917445
MC2335	DPS02B	13627	289.3953	11.2115	46.22882	-1.05704
MC2335	DPS02B	13628	289.3953	11.2115	46.22882	-1.05704
MC2335	DPS02B	13825	289.3965	11.2091	46.22726	-1.05922
MC2335	DPS02B	13826	289.3965	11.2091	46.22726	-1.05922
SF0304	DSD01A	14911	289.4001	23.2534	56.84847	4.638036
SF0304	DSD01A	14779	289.405	23.257	56.85378	4.63575
MC2337	DPS02B	13569	289.5225	12.2149	47.17116	-.690262
MC2337	DPS02B	13570	289.5225	12.2149	47.17116	-.690262
MC2337	DPS02B	12871	289.5276	12.2233	47.18092	-.690657
MC2337	DPS02B	12872	289.5276	12.2233	47.18092	-.690657
MC2934	DPS02B	14002	289.7678	11.2089	46.40015	-1.37981
MC2934	DPS02B	14003	289.7678	11.2089	46.40015	-1.37981
MC2336	DPS02B	12899	289.7783	11.2215	46.41614	-1.38287
MC2336	DPS02B	12900	289.7783	11.2215	46.41614	-1.38287
MC2938	DPS02B	14386	289.8877	12.2005	47.32831	-1.01108
MC2938	DPS02B	14387	289.8877	12.2005	47.32831	-1.01108
MC2340	DPS02B	13025	289.8999	13.22	48.23042	-.535823
MC2340	DPS02B	13026	289.8999	13.22	48.23042	-.535823
MC2340	DPS02B	13118	289.9021	13.2179	48.22959	-.538707
MC2340	DPS02B	13119	289.9021	13.2179	48.22959	-.538707
MC2339	DPS02B	13183	289.9021	12.218	47.3504	-1.01512
MC2339	DPS02B	13184	289.9021	12.218	47.3504	-1.01512
GS0267	DPS02B	1524	289.9739	21.559	55.60168	3.370944
GS0267	DPS02B	1525	289.9739	21.559	55.60168	3.370944
GS0267	DPS02B	1584	289.9739	21.5601	55.60265	3.371465
GS0267	DPS02B	1585	289.9739	21.5601	55.60265	3.371465
BS0753	DPS61D	14171	290.1338	2.4668	38.85336	-5.83591
BS0753	DPS61D	14172	290.1338	2.4668	38.85336	-5.83591

BS0753	DPS61D	14293	290.136	2.4658	38.85351	-5.83832
BS0753	DPS61D	14294	290.136	2.4658	38.85351	-5.83832
BS0486	DPS60D	12796	290.155	2.3912	38.79622	-5.89007
BS0486	DPS60D	12797	290.155	2.3912	38.79622	-5.89007
BS0486	DPS60D	12706	290.156	2.3893	38.795	-5.89184
BS0486	DPS60D	12707	290.156	2.3893	38.795	-5.89184
MC2940	DPS62D	14903	290.1641	11.2111	46.5873	-1.72058
MC2940	DPS62D	14904	290.1641	11.2111	46.5873	-1.72058
MC2940	DPS62D	15055	290.1975	11.1577	46.55598	-1.77485
MC2940	DPS62D	15056	290.1975	11.1577	46.55598	-1.77485
MC2341	DPS02B	13496	290.2688	12.2113	47.5155	-1.33332
MC2341	DPS02B	13497	290.2688	12.2113	47.5155	-1.33332
MC2341	DPS02B	13057	290.2778	12.2226	47.52963	-1.33565
MC2341	DPS02B	13058	290.2778	12.2226	47.52963	-1.33565
MC1115	DPS02B	1540	290.3916	16.0873	50.97683	.4155115
MC1115	DPS02B	1541	290.3916	16.0873	50.97683	.4155115
MC1131	DPS02B	1530	290.3921	16.0851	50.97513	.414037
MC1131	DPS02B	1531	290.3921	16.0851	50.97513	.414037
MC1131	DPS02B	1588	290.3921	16.0899	50.97935	.4163338
MC1131	DPS02B	1589	290.3921	16.0899	50.97935	.4163338
MC1115	DPS02B	2011	290.3987	16.1001	50.99134	.4156463
MC1115	DPS02B	2012	290.3987	16.1001	50.99134	.4156463
GS0275	DPM06B	1547	290.5994	13.9327	49.18147	-.792541
GS0275	DPM06B	1493	290.6006	13.9337	49.1829	-.793084
MC2448	DSD01A	13518	290.9351	15.2841	50.52301	-.428869
MC2942	DSD01A	14957	290.9624	15.2894	50.54032	-.449411
GS0360	DPS02B	1617	291.0537	21.034	55.62028	2.236294
GS0360	DPS02B	1618	291.0537	21.034	55.62028	2.236294
BS0587	DPS60D	12964	291.0564	11.2422	47.03357	-2.4743
BS0587	DPS60D	12965	291.0564	11.2422	47.03357	-2.4743
GS0360	DPS02B	1790	291.0569	21.0378	55.62505	2.235498
GS0360	DPS02B	1791	291.0569	21.0378	55.62505	2.235498
BS0587	DPS60D	13045	291.0581	11.2413	47.03358	-2.4762
BS0587	DPS60D	13046	291.0581	11.2413	47.03358	-2.4762
GS0811	DSD01A	13263	291.5273	19.3556	54.36293	1.038378
GS0811	DSD01A	13172	291.5276	19.3478	54.35624	1.034362
MC2945	DSD01A	14973	292.7319	14.0704	50.30268	-2.53734
MC2945	DSD01A	15218	292.7344	14.0718	50.30509	-2.53877
GS0690	DPS60D	13408	294.8677	16.6163	53.53686	-3.07422
GS0690	DPS60D	13409	294.8677	16.6163	53.53686	-3.07422
GS0999	DPS60D	15340	294.8748	16.5978	53.52419	-3.08934
GS0999	DPS60D	15341	294.8748	16.5978	53.52419	-3.08934
GS0850	DSD01A	13370	294.9316	16.5225	53.48602	-3.17408
GS0850	DSD01A	13451	294.9353	16.5235	53.48866	-3.17666
SY0165	DPS61D	14441	296.0745	18.0377	55.34734	-3.35695
SY0165	DPS61D	14442	296.0745	18.0377	55.34734	-3.35695
SY0165	DPS61D	14258	296.0767	18.0409	55.35117	-3.35714
SY0165	DPS61D	14259	296.0767	18.0409	55.35117	-3.35714
SY0154	DPS61D	13542	296.5125	13.8321	51.91761	-5.84268
SY0154	DPS61D	13543	296.5125	13.8321	51.91761	-5.84268
SY0155	DPS61D	13600	296.6099	13.6518	51.80885	-6.01518
SY0155	DPS61D	13601	296.6099	13.6518	51.80885	-6.01518
BS0547	DPS61D	14199	297.0066	8.8096	47.77704	-8.77477
BS0547	DPS61D	14200	297.0066	8.8096	47.77704	-8.77477

BS0547	DPS61D	14136	297.0071	8.8138	47.78097	-8.77311
BS0547	DPS61D	14137	297.0071	8.8138	47.78097	-8.77311
SY0138	DPS60M	11451	297.3025	19.112	56.8676	-3.81178
SY0138	DPS60M	11452	297.3025	19.112	56.8676	-3.81178
SY0137	DPS60M	11383	297.4592	19.2961	57.10208	-3.84427
SY0137	DPS60M	11384	297.4592	19.2961	57.10208	-3.84427
GS0974	DPS60D	13548	297.8574	18.6323	56.72574	-4.50877
GS0974	DPS60D	13549	297.8574	18.6323	56.72574	-4.50877
GS0974	DPS60D	13614	297.8589	18.6347	56.72854	-4.50875
GS0974	DPS60D	13615	297.8589	18.6347	56.72854	-4.50875
SF0305	DSD01A	14931	300.2036	17.566	56.97892	-6.96777
SF0305	DSD01A	15059	300.2056	17.5659	56.97985	-6.96944

GALACTIC PLANE AO'S



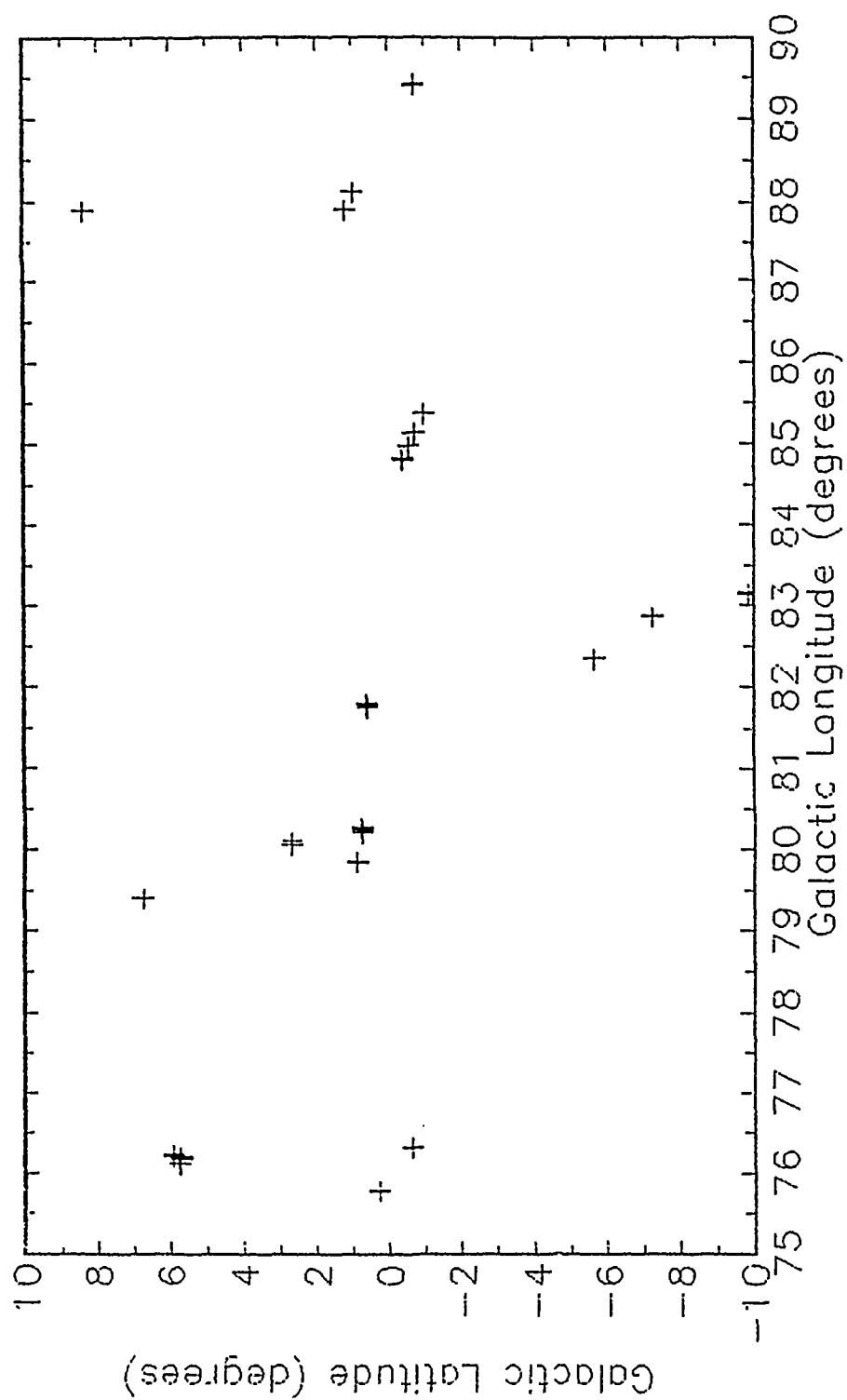
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GS0268	DPS02B	1454	288.9126	29.2043	61.94828	7.785647
GS0268	DPS02B	1455	288.9126	29.2043	61.94828	7.785647
GS0268	DPS02B	1426	288.9138	29.2014	61.94616	7.783389
GS0268	DPS02B	1427	288.9138	29.2014	61.94616	7.783389
FL0145	DPS63D	12584	291.2534	28.9594	62.68928	5.861228
FL0145	DPS63D	12585	291.2534	28.9594	62.68928	5.861228
FL0221	DPS63E	15028	291.2603	28.9368	62.67215	5.845204
FL0221	DPS63E	15029	291.2603	28.9368	62.67215	5.845204
FL0028	DPS60B	2833	291.4221	28.9388	62.74142	5.721497
FL0028	DPS60B	2834	291.4221	28.9388	62.74142	5.721497
FL0028	DPS60B	2693	291.4277	28.9175	62.72492	5.707068
FL0028	DPS60B	2694	291.4277	28.9175	62.72492	5.707068
FL0028	DPS60B	15410	291.4282	28.9233	62.73026	5.709437
FL0028	DPS60B	15411	291.4282	28.9233	62.73026	5.709437
FL0028	DPS60B	2685	291.4285	28.9187	62.72632	5.707022
FL0028	DPS60B	2686	291.4285	28.9187	62.72632	5.707022
FL0028	DPS60B	15483	291.4285	28.9233	62.73039	5.709206
FL0028	DPS60B	15484	291.4285	28.9233	62.73039	5.709206
FL0028	DPS60B	2758	291.4287	28.9225	62.72976	5.708672
FL0028	DPS60B	2759	291.4287	28.9225	62.72976	5.708672
FL0028	DPS60B	2799	291.429	28.9234	62.73069	5.708869
FL0028	DPS60B	2800	291.429	28.9234	62.73069	5.708869
FL0028	DPS60B	15497	291.429	28.9241	62.7313	5.709201
FL0028	DPS60B	15498	291.429	28.9241	62.7313	5.709201
FL0028	DPS60B	15470	291.4297	28.9238	62.73133	5.70852
FL0028	DPS60B	15471	291.4297	28.9238	62.73133	5.70852
FL0028	DPS60B	15436	291.4299	28.9207	62.72867	5.706893
FL0028	DPS60B	15437	291.4299	28.9207	62.72867	5.706893
FL0028	DPS60B	15488	291.4299	28.9217	62.72956	5.707368
FL0028	DPS60B	15489	291.4299	28.9217	62.72956	5.707368
FL0028	DPS60B	15440	291.4302	28.9224	62.7303	5.70747
FL0028	DPS60B	15441	291.4302	28.9224	62.7303	5.70747
FL0028	DPS60B	15505	291.4307	28.9235	62.73148	5.707607
FL0028	DPS60B	15506	291.4307	28.9235	62.73148	5.707607
FL0028	DPS60B	2838	291.4312	28.9249	62.73293	5.707887
FL0028	DPS60B	2839	291.4312	28.9249	62.73293	5.707887
FL0028	DPS60B	15422	291.4314	28.9215	62.73001	5.706118
FL0028	DPS60B	15423	291.4314	28.9215	62.73001	5.706118
FL0028	DPS60B	15463	291.4314	28.9221	62.73054	5.706403
FL0028	DPS60B	15464	291.4314	28.9221	62.73054	5.706403
FL0028	DPS60B	2822	291.4331	28.9249	62.73372	5.706423
FL0028	DPS60B	2823	291.4331	28.9249	62.73372	5.706423
FL0028	DPS60B	15519	291.436	28.9134	62.72477	5.698727
FL0028	DPS60B	15520	291.436	28.9134	62.72477	5.698727
GS0880	DSD01A	13514	293.217	30.3032	64.696	5.008042
GS0880	DSD01A	14018	293.23	30.3067	64.70455	4.999932
SF0276	DSD01A	14230	295.2808	29.4013	64.79508	3.006196
SF0276	DSD01A	14285	295.2817	29.401	64.79521	3.005367
MC2944	DSD01A	14968	295.9722	25.1233	61.4098	.3172708
MC2944	DSD01A	15154	295.9722	25.1287	61.41445	.3200108
GS0812	DSD01A	13663	296.0811	28.0465	63.97846	1.716901
GS0812	DSD01A	13962	296.0872	28.0482	63.98266	1.713125
GS0938	DPS60D	14717	296.498	30.3469	66.14593	2.573043
GS0938	DPS60D	14718	296.498	30.3469	66.14593	2.573043

GS0938	DPS60D	15026	296.531	30.2981	66.11843	2.523671
GS0938	DPS60D	15027	296.531	30.2981	66.11843	2.523671
MC1118	DPS02B	1944	296.825	28.6	64.78881	1.435838
MC1118	DPS02B	1945	296.825	28.6	64.78881	1.435838
MC1118	DPS02B	2001	296.825	28.6003	64.78907	1.435992
MC1118	DPS02B	2002	296.825	28.6003	64.78907	1.435992
GS0378	DPS02B	2569	297.5969	24.8066	61.89286	-1.10974
GS0378	DPS02B	2570	297.5969	24.8066	61.89286	-1.10974
GS0416	DPS02B	2710	297.5979	24.7972	61.88529	-1.11539
GS0416	DPS02B	2711	297.5979	24.7972	61.88529	-1.11539
GS0416	DPS02B	2642	297.5991	24.8122	61.89869	-1.10855
GS0416	DPS02B	2643	297.5991	24.8122	61.89869	-1.10855
GS0378	DPS02B	2640	297.6011	24.8132	61.90048	-1.10959
GS0378	DPS02B	2641	297.6011	24.8132	61.90048	-1.10959
BS0575	DPS61D	13935	297.7856	32.8876	68.89229	2.936322
BS0575	DPS61D	13936	297.7856	32.8876	68.89229	2.936322
BS0575	DPS61D	13850	297.7871	32.8907	68.8956	2.936848
BS0575	DPS61D	13851	297.7871	32.8907	68.8956	2.936848
SY0164	DPS61D	14219	297.9973	29.3226	65.93756	.930719
SY0164	DPS61D	14220	297.9973	29.3226	65.93756	.930719
SY0164	DPS61D	14203	297.9993	29.3279	65.94299	.9319891
SY0164	DPS61D	14204	297.9993	29.3279	65.94299	.9319891
GS0381	DPM06B	2684	298.8218	28.6332	65.7278	-.044734
GS0381	DPM06B	2736	298.8362	28.6086	65.71355	-.066434
BS0802	DPS61D	14616	299.0164	35.1283	71.33972	3.23446
BS0802	DPS61D	14617	299.0164	35.1283	71.33972	3.23446
BS0802	DPS61D	14344	299.0264	35.1164	71.33388	3.221246
BS0802	DPS61D	14345	299.0264	35.1164	71.33388	3.221246
GS0813	DSD01A	14360	299.3674	31.2215	68.17517	.921161
GS0813	DSD01A	14772	299.3743	31.2289	68.18457	.9204777
GS0852	DSD01A	13718	299.3804	22.4799	60.76265	-3.71883
GS0852	DSD01A	13787	299.3804	22.4781	60.76112	-3.71978
BS0739	DPS61D	15013	299.6609	27.666	65.29895	-1.18445
BS0739	DPS61D	15014	299.6609	27.666	65.29895	-1.18445
BS0739	DPS61D	14984	299.6641	27.668	65.30216	-1.18578
BS0739	DPS61D	14985	299.6641	27.668	65.30216	-1.18578
BS0739	DPS61D	14951	299.6648	27.6678	65.30233	-1.18641
BS0739	DPS61D	14952	299.6648	27.6678	65.30233	-1.18641
BS0739	DPS61D	14936	299.6711	27.67	65.30715	-1.18996
BS0739	DPS61D	14937	299.6711	27.67	65.30715	-1.18996
GS0884	DSD01A	14888	299.9729	32.3432	69.39888	1.083145
GS0884	DSD01A	15103	299.9832	32.3369	69.39822	1.072423
MC0772	DPS02B	2013	300.0134	33.2141	70.15322	1.520047
MC0772	DPS02B	2014	300.0134	33.2141	70.15322	1.520047
MC0772	DPS02B	2049	300.0181	33.1963	70.14028	1.507205
MC0772	DPS02B	2050	300.0181	33.1963	70.14028	1.507205
MC2534	DPS62D	14090	300.1807	37.5283	73.87683	3.710097
MC2534	DPS62D	14091	300.1807	37.5283	73.87683	3.710097
MC2534	DPS62D	14844	300.186	37.5189	73.8711	3.701525
MC2534	DPS62D	14845	300.186	37.5189	73.8711	3.701525
GS0567	DPS02B	3036	300.7864	32.0437	69.51667	.3416897
GS0567	DPS02B	3037	300.7864	32.0437	69.51667	.3416897
GS0467	DPS02B	2885	300.7971	32.0126	69.49543	.3172339
GS0467	DPS02B	2886	300.7971	32.0126	69.49543	.3172339

GS0887	DSD01A	14762	301.0647	35.5484	72.5885	2.046111
GS0887	DSD01A	15132	301.0735	35.5529	72.59610	2.042536
MC1147	DPS52B	2853	301.3901	30.9339	68.86468	-1.693485
MC1147	DPS52B	2854	301.3901	30.9339	68.86468	-1.693485
MC1147	DPS52B	2831	301.3911	30.9252	68.85787	-1.69895
MC1147	DPS52B	2832	301.3911	30.9252	68.85787	-1.69895
MC1150	DPS52B	2861	301.8813	30.9531	69.11142	-1.03551
MC1150	DPS52B	2862	301.8813	30.9531	69.11142	-1.03551
MC1150	DPS52B	2893	301.8909	30.9349	69.10075	-1.05239
MC1150	DPS52B	2894	301.8909	30.9349	69.10075	-1.05239
MC2414	DSD01A	14153	302.0679	31.2745	69.46776	-1.992124
MC2414	DSD01A	14279	302.0735	31.2764	69.47198	-1.995072
MC1154	DPS52B	2859	302.3799	30.9528	69.34694	-1.39244
MC1154	DPS52B	2860	302.3799	30.9528	69.34694	-1.39244
MC1154	DPS52B	2920	302.3826	30.9555	69.35047	-1.39287
MC1154	DPS52B	2921	302.3826	30.9555	69.35047	-1.39287
GS0466	DPS02B	2728	302.5168	26.3484	65.57109	-4.03676
GS0466	DPS02B	2729	302.5168	26.3484	65.57109	-4.03676
GS0466	DPS02B	2676	302.5186	26.3452	65.56932	-4.03987
GS0466	DPS02B	2677	302.5186	26.3452	65.56932	-4.03987
SF0291	DSD01A	14792	302.519	19.7578	60.02883	-7.64899
SF0291	DSD01A	14859	302.5203	19.753	60.02543	-7.65263
GS0855	DSD01A	14262	302.5317	35.9462	73.57447	1.268639
GS0855	DSD01A	14468	302.5386	35.9474	73.57856	1.264656
SF0290	DSD01A	14872	302.6433	19.7519	60.088	-7.75039
SF0290	DSD01A	14806	302.6438	19.756	60.09174	-7.74855
MC1531	DPS02B	3191	302.8784	31.4725	70.01609	-1.45853
MC1531	DPS02B	3192	302.8784	31.4725	70.01609	-1.45853
MC1161	DPS52B	2774	302.8831	31.4257	69.97945	-1.48794
MC1161	DPS52B	2775	302.8831	31.4257	69.97945	-1.48794
MC1585	DPS52B	3883	302.885	31.497	70.03958	-1.44535
MC1585	DPS52B	3884	302.885	31.497	70.03958	-1.44955
MC1161	DPS52B	15452	302.8862	31.4252	69.98052	-1.49041
MC1161	DPS52B	15453	302.8862	31.4252	69.98052	-1.49041
MC1161	DPS52B	3003	302.8877	31.4585	70.00888	-1.47292
MC1161	DPS52B	3004	302.8877	31.4585	70.00888	-1.47292
MC1168	DPS52B	2836	303.3828	31.4522	70.2399	-1.8266
MC1168	DPS52B	2837	303.3828	31.4522	70.2399	-1.8266
MC1168	DPS52B	2793	303.3848	31.4249	70.21825	-1.84333
MC1168	DPS52B	2794	303.3848	31.4249	70.21825	-1.84333
MC2832	DSD01A	14924	306.646	25.4646	66.95014	-7.59956
MC2832	DSD01A	15040	306.6494	25.4663	66.95334	-7.60107

GALACTIC PLANE AO'S



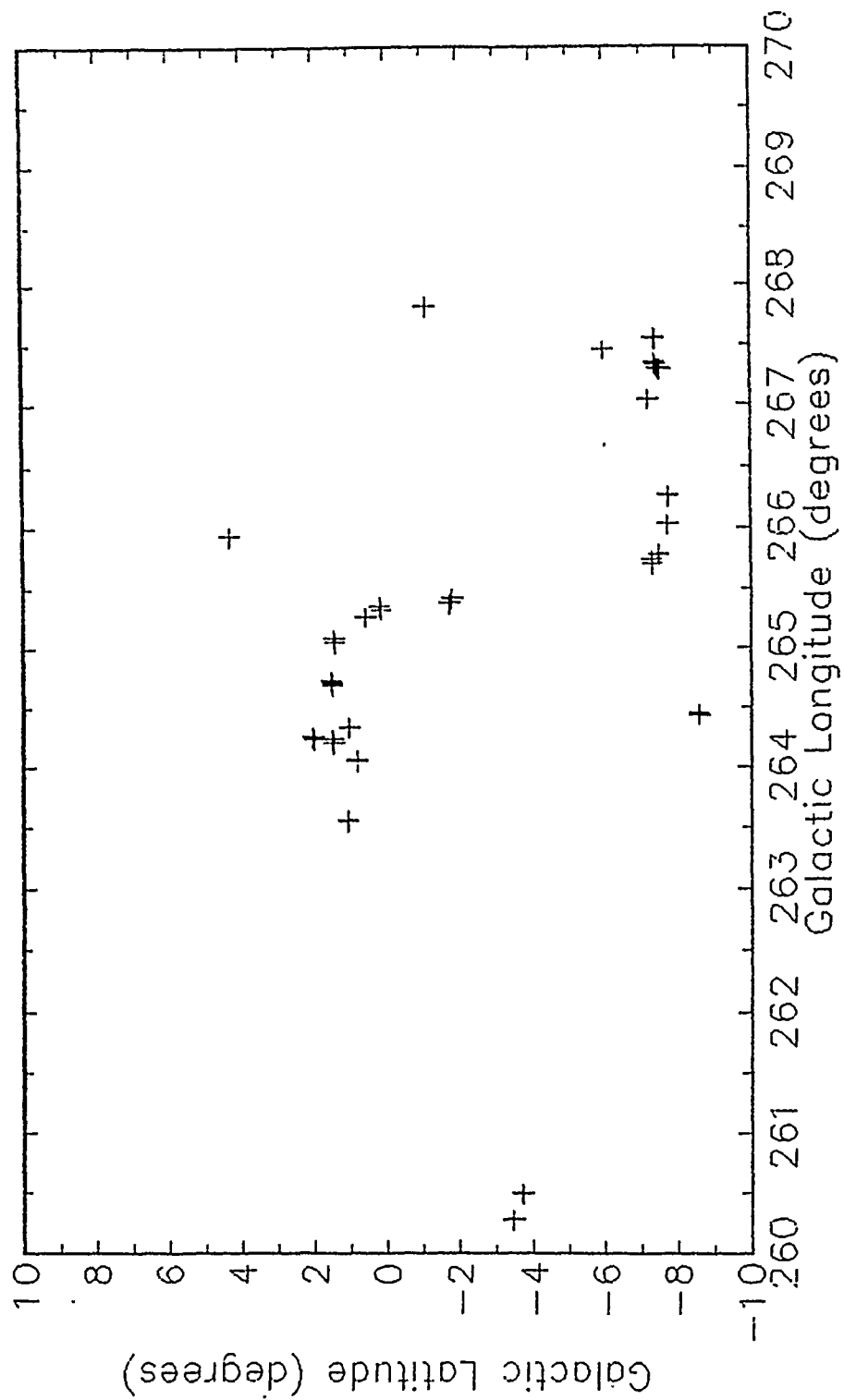
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AG3435	DPS61D	14066	299.3347	40.6711	76.20648	5.928113
AG3435	DPS61D	14067	299.3347	40.6711	76.20648	5.928113
AG3435	DPS61D	13766	299.3401	40.6726	76.20993	5.925406
AG3435	DPS61D	13767	299.3401	40.6726	76.20993	5.925406
AG3435	DPS61D	13702	299.3428	40.6746	76.21272	5.924706
AG3435	DPS61D	13703	299.3428	40.6746	76.21272	5.924706
AG3435	DPS61D	13723	299.343	40.6742	76.21244	5.924368
AG3435	DPS61D	13724	299.343	40.6742	76.21244	5.924368
AG3435	DPS61D	13672	299.3437	40.6747	76.21315	5.924177
AG3435	DPS61D	13673	299.3437	40.6747	76.21315	5.924177
AG3435	DPS61D	13653	299.3447	40.6768	76.21535	5.924628
AG3435	DPS61D	13654	299.3447	40.6768	76.21535	5.924628
AG3435	DPS61D	13565	299.3474	40.6775	76.21704	5.923249
AG3435	DPS61D	13566	299.3474	40.6775	76.21704	5.923249
AG3435	DPS61D	13284	299.356	40.6809	76.22337	5.919468
AG3435	DPS61D	13285	299.356	40.6809	76.22337	5.919468
AG3435	DPS61D	13230	299.3579	40.6871	76.22944	5.921483
AG3435	DPS61D	13231	299.3579	40.6871	76.22944	5.921483
AG3435	DPS61D	13191	299.3647	40.6874	76.23241	5.917245
AG3435	DPS61D	13192	299.3647	40.6874	76.23241	5.917245
AG3048	DSD01A	14225	299.4709	40.4946	76.10977	5.747573
AG3048	DSD01A	14292	299.4719	40.4962	76.11154	5.747765
AG3048	DSD01A	14282	299.4731	40.4968	76.11252	5.747302
AG3048	DSD01A	14654	299.4844	40.4984	76.11843	5.740825
AG3048	DSD01A	14636	299.4856	40.4985	76.11899	5.7401
AG1219	DPS02B	2072	299.5557	40.525	76.16977	5.708637
AG1219	DPS02B	2073	299.5557	40.525	76.16977	5.708637
AG1219	DPS02B	2064	299.5569	40.5267	76.1717	5.708754
AG1219	DPS02B	2065	299.5569	40.5267	76.1717	5.708754
AG1219	DPS02B	2076	299.5574	40.523	76.16874	5.706488
AG1219	DPS02B	2077	299.5574	40.523	76.16874	5.706488
AG1219	DPS02B	2055	299.5581	40.5241	76.16996	5.706612
AG1219	DPS02B	2056	299.5581	40.5241	76.16996	5.706612
AG1263	DPS02B	2174	299.5581	40.525	76.17073	5.707085
AG1263	DPS02B	2175	299.5581	40.525	76.17073	5.707085
AG1219	DPS02B	2404	299.5684	40.5349	76.18333	5.705621
AG1219	DPS02B	2405	299.5684	40.5349	76.18333	5.705621
AG1219	DPS02B	2400	299.5693	40.534	76.18293	5.704566
AG1219	DPS02B	2401	299.5693	40.534	76.18293	5.704566
AG1263	DPS02B	2912	299.5808	40.5521	76.20301	5.706635
AG1263	DPS02B	2913	299.5808	40.5521	76.20301	5.706635
GS0476	DPS02B	2687	300.6714	43.7922	79.40003	6.731462
GS0476	DPS02B	2688	300.6714	43.7922	79.40003	6.731462
GS0476	DPS02B	2722	300.6729	43.7964	79.40419	6.732775
GS0476	DPS02B	2723	300.6729	43.7964	79.40419	6.732775
GS0468	DPS02B	3406	305.105	37.1929	75.77114	.2684127
GS0468	DPS02B	3407	305.105	37.1929	75.77114	.2684127
GS0571	DPS02B	3895	305.1094	37.2101	75.78723	.2754573
GS0571	DPS02B	3896	305.1094	37.2101	75.78723	.2754573
GS0557	DPS02B	3324	305.53	51.7258	87.89324	8.357373
GS0557	DPS02B	3325	305.53	51.7258	87.89324	8.357373
GS0557	DPS02B	3185	305.5305	51.7226	87.89075	8.355302
GS0557	DPS02B	3186	305.5305	51.7226	87.89075	8.355302
GS0474	DPS02B	15438	305.7734	42.0814	80.05795	2.676736

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MC1328	DPS02B	4652	310.4565	57.3506	94.19407	9.358102
MC1328	DPS02B	4653	310.4565	57.3506	94.19407	9.358102
MC1328	DPS02B	4470	310.46	57.3503	94.19501	9.356424
MC1328	DPS02B	4471	310.46	57.3503	94.19501	9.356424
MC0022	DPS52B	4764	313.0933	60.0215	97.17941	9.947098
MC0022	DPS52B	4765	313.0933	60.0215	97.17941	9.947098
MC0022	DPS52B	4519	313.0952	60.015	97.17491	9.942242
MC0022	DPS52B	4520	313.0952	60.015	97.17491	9.942242
MC0253	DPS52B	4956	313.3477	60.0911	97.31589	9.893286
MC0253	DPS52B	4957	313.3477	60.0911	97.31589	9.893286
MC0253	DPS52B	4989	313.3501	60.097	97.32128	9.896122
MC0253	DPS52B	4990	313.3501	60.097	97.32128	9.896122
MC1682	DSD01A	6212	316.9226	52.2735	92.73274	3.236037
MC1682	DSD01A	6241	316.9275	52.275	92.73589	3.234871
MC1330	DPS02B	5235	320.197	56.3564	96.99962	4.715708
MC1330	DPS02B	5236	320.197	56.3564	96.99962	4.715708
MC1330	DPS02B	5156	320.2012	56.3566	97.00142	4.714217
MC1330	DPS02B	5157	320.2012	56.3566	97.00142	4.714217
MC0260	DPS52B	4531	320.7668	49.7696	92.6458	-2.242856
MC0260	DPS52B	4532	320.7668	49.7696	92.6458	-2.242856
MC0260	DPS52B	4453	320.7671	49.7659	92.64337	-2.245655
MC0260	DPS52B	4454	320.7671	49.7659	92.64337	-2.245655
MC1393	DPS02B	5577	324.7075	57.6886	99.71327	4.025143
MC1393	DPS02B	5578	324.7075	57.6886	99.71327	4.025143
MC1393	DPS02B	5197	324.7153	57.6826	99.71248	4.017879
MC1393	DPS02B	5198	324.7153	57.6826	99.71248	4.017879
MC1394	DPS02B	5399	324.9082	57.6702	99.78247	3.940959
MC1394	DPS02B	5400	324.9082	57.6702	99.78247	3.940959
MC1394	DPS02B	5479	324.9197	57.6774	99.79187	3.942386
MC1394	DPS02B	5480	324.9197	57.6774	99.79187	3.942386
MC1446	DPS52B	3678	325.1409	56.357	99.02062	2.862921
MC1446	DPS52B	3679	325.1409	56.357	99.02062	2.862921
MC1446	DPS52B	3703	325.1479	56.3613	99.02636	2.863663
MC1446	DPS52B	3704	325.1479	56.3613	99.02636	2.863663
MC0258	DPS52B	5287	325.1548	56.4133	99.06314	2.900669
MC0258	DPS52B	5288	325.1548	56.4133	99.06314	2.900669
MC0258	DPS52B	5389	325.1553	56.4158	99.06498	2.902388
MC0258	DPS52B	5390	325.1553	56.4158	99.06498	2.902388
BS0254	DPS02B	3759	325.3284	43.3213	90.62062	-7.12009
BS0254	DPS02B	3760	325.3284	43.3213	90.62062	-7.12009
BS0253	DPS02B	3802	325.3313	43.3236	90.62374	-7.11972
BS0253	DPS02B	3803	325.3313	43.3236	90.62374	-7.11972
MC0259	DPS52B	5442	325.3672	56.5136	99.21772	2.900731
MC0259	DPS52B	5443	325.3672	56.5136	99.21772	2.900731
MC0259	DPS52B	5357	325.373	56.5144	99.22066	2.899266
MC0259	DPS52B	5358	325.373	56.5144	99.22066	2.899266
MC1681	DSD01A	6610	325.9771	56.9482	99.75444	3.016971
MC1681	DSD01A	6251	325.981	56.9531	99.75921	3.019363
MC1331	DPS02B	5027	326.4041	50.8744	96.06583	-1.81601
MC1331	DPS02B	5028	326.4041	50.8744	96.06583	-1.81601
MC1331	DPS02B	4866	326.4043	50.8648	96.05981	-1.8235
MC1331	DPS02B	4867	326.4043	50.8648	96.05981	-1.8235

GALACTIC PLANE AO'S



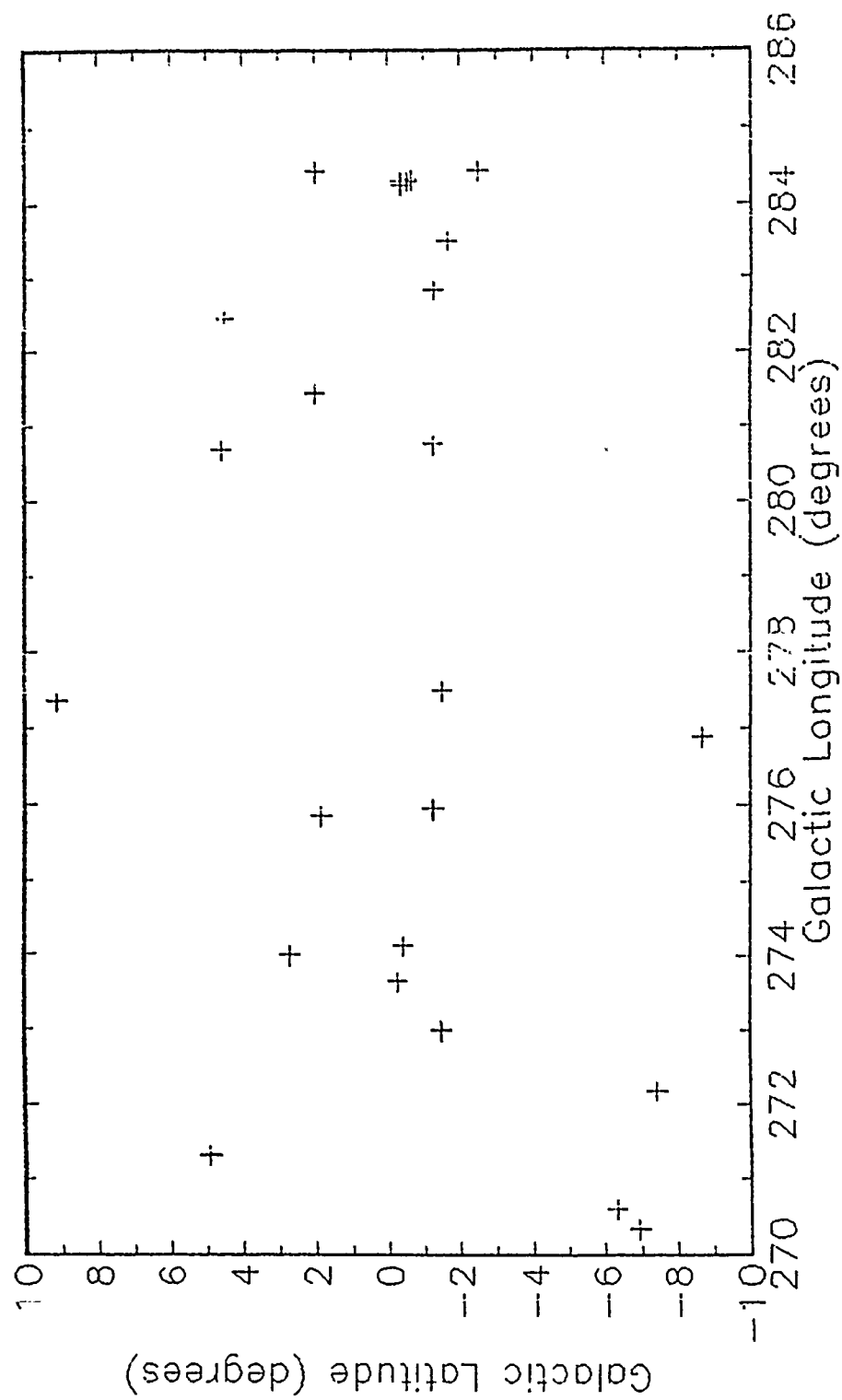
270° > 2 > 260

GS0478	DPS02B	3518	122.2422	-49.0104	264.4342	-8.60518
GS0478	DPS02B	3519	122.2422	-49.0104	264.4342	-8.60518
GS0478	DPS02B	4161	122.2945	-49.0048	264.4481	-8.57325
GS0478	DPS02B	4162	122.2945	-49.0048	264.4481	-8.57325
GS0478	DPS02B	4206	122.2969	-49.0036	264.4479	-8.57128
GS0478	DPS02B	4207	122.2969	-49.0036	264.4479	-8.57128
MC2482	DSD01A	14290	124.6691	-49.8675	266.0337	-7.75788
MC2482	DSD01A	14364	124.6718	-49.8682	266.0353	-7.75684
MC1632	DSD01A	4968	124.7572	-49.5198	265.7759	-7.5153
MC1632	DSD01A	4837	124.7644	-49.525	265.7829	-7.51436
MC2483	DSD01A	15264	124.849	-50.0653	266.2645	-7.77338
MC2483	DSD01A	15368	124.8524	-50.0663	266.2665	-7.77214
MC1224	DPS02B	4436	124.9497	-49.3535	265.7086	-7.31813
MC1224	DPS02B	4437	124.9497	-49.3535	265.7086	-7.31813
MC1191	DPS02B	3368	124.9611	-43.0371	260.4945	-3.71659
MC1191	DPS02B	3369	124.9611	-43.0371	260.4945	-3.71659
MC1672	DPS02B	5534	124.9815	-49.3666	265.7313	-7.30845
MC1672	DPS02B	5535	124.9815	-49.3666	265.7313	-7.30845
MC1600	DPS02B	4134	125.0087	-43.0278	260.5069	-3.68274
MC1600	DPS02B	4135	125.0087	-43.0278	260.5069	-3.68274
MC1600	DPS02B	4187	125.0115	-43.0282	260.5084	-3.68129
MC1600	DPS02B	4188	125.0115	-43.0282	260.5084	-3.68129
MC1600	DPS02B	4280	125.015	-43.0279	260.5096	-3.67902
MC1600	DPS02B	4281	125.015	-43.0279	260.5096	-3.67902
GS0273	DPM06B	3018	125.0829	-42.704	260.2723	-3.45254
GS0273	DPM06B	3055	125.0845	-42.7163	260.2831	-3.45863
GS0273	DPM06B	3267	125.0925	-42.7119	260.2828	-3.45129
MC1114	DPS02B	3812	126.0233	-50.7781	267.2853	-7.56303
MC1114	DPS02B	3813	126.0233	-50.7781	267.2853	-7.56303
MC1114	DPS02B	3861	126.0289	-50.7775	267.2869	-7.55979
MC1114	DPS02B	3862	126.0289	-50.7775	267.2869	-7.55979
MC1114	DPS02B	4083	126.0454	-50.7741	267.2901	-7.54929
MC1114	DPS02B	4084	126.0454	-50.7741	267.2901	-7.54929
MC1114	DPS02B	4272	126.0562	-50.7746	267.2945	-7.54399
MC1114	DPS02B	4273	126.0562	-50.7746	267.2945	-7.54399
MC2502	DSD01A	14622	126.1177	-50.7572	267.3027	-7.50216
MC2502	DSD01A	14708	126.1214	-50.7542	267.3015	-7.49852
MC2502	DSD01A	14883	126.1284	-50.7478	267.2988	-7.49121
MC1257	DPS02B	3960	126.2329	-50.7387	267.3297	-7.4319
MC1257	DPS02B	3961	126.2329	-50.7387	267.3297	-7.4319
MC1236	DPS02B	4458	126.2493	-50.3852	267.0446	-7.21958
MC1236	DPS02B	4459	126.2493	-50.3852	267.0446	-7.21958
MC1236	DPS02B	4572	126.2513	-50.3853	267.0454	-7.21859
MC1236	DPS02B	4573	126.2513	-50.3853	267.0454	-7.21859
MC1257	DPS02B	4580	126.28	-50.7363	267.3451	-7.40616
MC1257	DPS02B	4581	126.28	-50.7363	267.3451	-7.40616
MC1257	DPS02B	4468	126.2802	-50.7352	267.3442	-7.40542
MC1257	DPS02B	4469	126.2802	-50.7352	267.3442	-7.40542
MC1369	DPS02B	3514	126.4478	-50.9102	267.55	-7.42004
MC1369	DPS02B	3515	126.4478	-50.9102	267.55	-7.42004
MC1369	DPS02B	4226	126.5009	-50.8992	267.5604	-7.38636
MC1369	DPS02B	4227	126.5009	-50.8992	267.5604	-7.38636
MC1258	DPS02B	4525	128.1736	-50.0057	267.4633	-5.99957
MC1258	DPS02B	4526	128.1736	-50.0057	267.4633	-5.99957

MC1258	DPS02B	4629	128.1742	-50.0054	267.4633	-5.99909
MC1258	DPS02B	4630	128.1742	-50.0054	267.4633	-5.99909
GS0821	DPS60D	14986	131.2379	-45.823	265.4193	-1.81066
GS0821	DPS60D	14987	131.2379	-45.823	265.4193	-1.81066
GS0821	DPS60D	14745	131.2703	-45.7483	265.3755	-1.74602
GS0821	DPS60D	14746	131.2703	-45.7483	265.3755	-1.74602
GS0821	DPS60D	14648	131.2721	-45.744	265.373	-1.74234
GS0821	DPS60D	14649	131.2721	-45.744	265.373	-1.74234
MC1663	DSD01A	5152	132.6889	-42.5463	263.5577	1.079632
MC1663	DSD01A	5100	132.6927	-42.5498	263.5622	1.079518
MC1662	DSD01A	5463	132.8546	-43.0868	264.0493	.8239133
MC1662	DSD01A	5155	132.8548	-43.0885	264.0507	.822927
MC1662	DSD01A	5097	132.8733	-43.0919	264.062	.8310455
MC1364	DPS02B	4408	133.31	-44.4765	265.3209	.173888
MC1364	DPS02B	4409	133.31	-44.4765	265.3209	.173888
GS0487	DPS02B	4401	133.3174	-43.1627	264.326	1.032033
GS0487	DPS02B	4402	133.3174	-43.1627	264.326	1.032033
GS0487	DPS02B	4485	133.3225	-43.1624	264.3282	1.035055
GS0487	DPS02B	4486	133.3225	-43.1624	264.3282	1.035055
MC1676	DPS02B	5542	133.3584	-44.4783	265.3447	.1989516
MC1676	DPS02B	5543	133.3584	-44.4783	265.3447	.1989516
MC1378	DPS02B	4441	133.6443	-42.7892	264.1984	1.456815
MC1378	DPS02B	4442	133.6443	-42.7892	264.1984	1.456815
GS0489	DPS02B	4422	133.6444	-42.7963	264.2038	1.452235
GS0489	DPS02B	4423	133.6444	-42.7963	264.2038	1.452235
MC1363	DPS02B	4589	133.6721	-44.175	265.261	.5668561
MC1363	DPS02B	4590	133.6721	-44.175	265.261	.5668561
MC1363	DPS02B	4707	133.6728	-44.1737	265.2604	.5680858
MC1363	DPS02B	4708	133.6728	-44.1737	265.2604	.5680858
GS0611	DPS02B	5569	133.7033	-42.7982	264.2335	1.483717
GS0611	DPS02B	5570	133.7033	-42.7982	264.2335	1.483717
GS0488	DPS02B	4464	134.1383	-43.1286	264.6918	1.507525
GS0488	DPS02B	4465	134.1383	-43.1286	264.6918	1.507525
MC1361	DPS02B	4567	134.1387	-43.1247	264.6891	1.510309
MC1361	DPS02B	4568	134.1387	-43.1247	264.6891	1.510309
MC1675	DPS02B	5548	134.1623	-43.1322	264.7061	1.518351
MC1675	DPS02B	5549	134.1623	-43.1322	264.7061	1.518351
GS0610	DPS02B	6045	134.1935	-43.1391	264.7263	1.530958
GS0610	DPS02B	6046	134.1935	-43.1391	264.7263	1.530958
MC1332	DPS02B	4496	134.2378	-42.4569	264.2338	2.004433
MC1332	DPS02B	4497	134.2378	-42.4569	264.2338	2.004433
MC1674	DPS02B	5555	134.2774	-42.4566	264.2528	2.02662
MC1674	DPS02B	5556	134.2774	-42.4566	264.2528	2.02662
MC0774	DPS02B	3752	134.2797	-47.1919	267.8159	-1.09289
MC0774	DPS02B	3753	134.2797	-47.1919	267.8159	-1.09289
MC0774	DPS02B	3794	134.2824	-47.1922	267.8174	-1.0917
MC0774	DPS02B	3795	134.2824	-47.1922	267.8174	-1.0917
MC1254	DPS02B	4684	134.3855	-43.4484	265.0511	1.432244
MC1254	DPS02B	4685	134.3855	-43.4484	265.0511	1.432244
MC1673	DPS02B	5561	134.4286	-43.4546	265.0764	1.451655
MC1673	DPS02B	5562	134.4286	-43.4546	265.0764	1.451655
MC1366	DPS02B	4694	138.0793	-42.1556	265.9337	4.302283
MC1366	DPS02B	4695	138.0793	-42.1556	265.9337	4.302283
MC1366	DPS02B	4798	138.0839	-42.1569	265.937	4.303841

MC1366 DFS02B 4799 138.0839 -42.1569 265.937 4.303841

GALACTIC PLANE AO'S

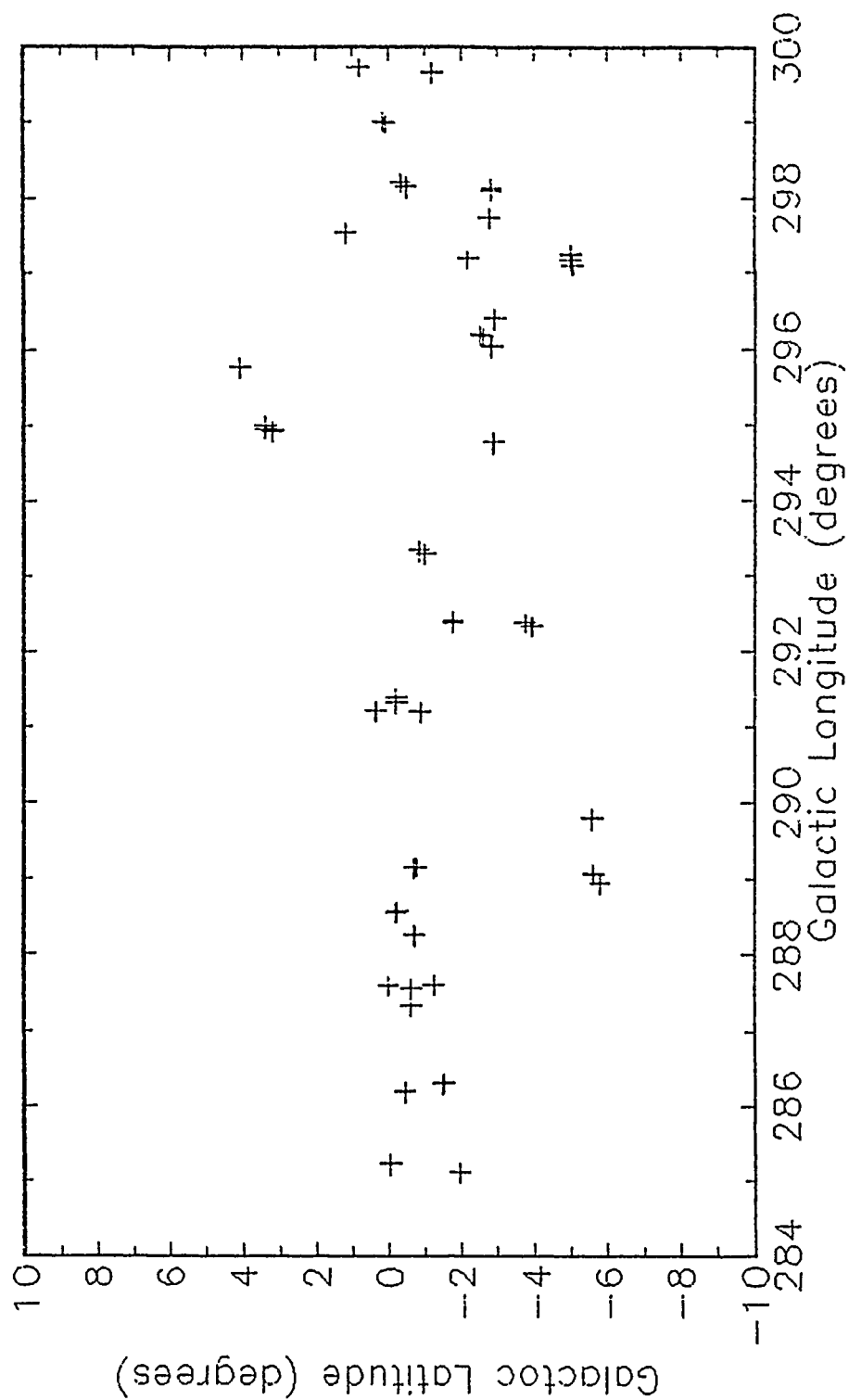


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BS0843	DPS61D	15334	129.7174	-52.8526	270.3326	-6.94944
BS0843	DPS61D	15335	129.7174	-52.8526	270.3326	-6.94944
BS0843	DPS61D	15288	129.7327	-52.8521	270.3379	-6.94181
BS0843	DPS61D	15289	129.7327	-52.8521	270.3379	-6.94181
BS0843	DPS61D	15300	129.7361	-52.8589	270.3446	-6.94433
BS0843	DPS61D	15301	129.7361	-52.8589	270.3446	-6.94433
GS0480	DPS02B	3952	130.8032	-52.6775	270.6005	-6.32375
GS0480	JPS02B	3953	130.8032	-52.6775	270.6005	-6.32375
GS0480	DPS02B	4181	130.8203	-52.6724	270.603	-6.31246
GS0480	DPS02B	4182	130.8203	-52.6724	270.603	-6.31246
GS0480	DPS02B	4212	130.8225	-52.6706	270.6024	-6.3103
GS0480	DPS02B	4213	130.8225	-52.6706	270.6024	-6.3103
BS0601	DPS61D	12779	130.9602	-54.606	272.1821	-7.44738
BS0601	DPS61D	12780	130.9602	-54.606	272.1821	-7.44738
BS0601	DPS61D	12628	130.966	-54.6048	272.1832	-7.444
BS0601	DPS61D	12629	130.966	-54.6048	272.1832	-7.444
SY0180	DPS61D	14811	134.5988	-58.9978	276.8831	-8.7038
SY0180	DPS61D	14812	134.5988	-58.9978	276.8831	-8.7038
SY0180	DPS61D	14537	134.6218	-58.995	276.8887	-8.69299
SY0180	DPS61D	14538	134.6218	-58.995	276.8887	-8.69299
GS0494	DPS02B	5305	139.25	-51.2439	272.9921	-1.48454
GS0494	DPS02B	5306	139.25	-51.2439	272.9921	-1.48454
GS0494	DPS02B	5451	139.2788	-51.239	273.0014	-1.46831
GS0494	DPS02B	5452	139.2788	-51.239	273.0014	-1.46831
MC1264	DPS02B	5316	141.3719	-50.8291	273.6574	-2.255787
MC1264	DPS02B	5317	141.3719	-50.8291	273.6574	-2.255787
MC1264	DPS02B	5422	141.3789	-50.8315	273.6622	-2.254486
MC1264	DPS02B	5423	141.3789	-50.8315	273.6622	-2.254486
MC1265	DPS02B	5326	141.746	-51.2688	274.1302	-4.14165
MC1265	DPS02B	5327	141.746	-51.2688	274.1302	-4.14165
MC1265	DPS02B	5457	141.7527	-51.2698	274.1339	-4.12025
MC1265	DPS02B	5458	141.7527	-51.2698	274.1339	-4.12025
GS0483	DPS02B	5613	143.0053	-53.1037	275.9423	-1.23869
GS0483	DPS02B	5614	143.0053	-53.1037	275.9423	-1.23869
GS0483	DPS02B	5885	143.0269	-53.1036	275.9518	-1.2299
GS0483	DPS02B	5886	143.0269	-53.1036	275.9518	-1.2299
MC1256	DPS02B	4717	144.0127	-45.4346	271.3082	4.910458
MC1256	DPS02B	4718	144.0127	-45.4346	271.3082	4.910458
MC1256	DPS02B	5186	144.0383	-45.4368	271.3231	4.920739
MC1256	DPS02B	5187	144.0383	-45.4368	271.3231	4.920739
MC1677	DSD01A	6015	144.6852	-54.3181	277.4923	-1.48748
MC1677	DSD01A	5942	144.6881	-54.3223	277.4963	-1.48954
MC1376	DPS02B	5473	144.8369	-48.8792	274.0053	2.688449
MC1376	DPS02B	5474	144.8369	-48.8792	274.0053	2.688449
MC1376	DPS02B	5401	144.8382	-48.8773	274.0047	2.690446
MC1376	DPS02B	5402	144.8382	-48.8773	274.0047	2.690446
MC1266	DPS02B	5434	146.1725	-50.7172	275.8527	1.843672
MC1266	DPS02B	5435	146.1725	-50.7172	275.8527	1.843672
MC1266	DPS02B	5720	146.1728	-50.724	275.8572	1.838564
MC1266	DPS02B	5721	146.1728	-50.724	275.8572	1.838564
MC1678	DSD01A	5918	149.3868	-56.1817	280.7474	-1.2474
MC1678	DSD01A	5937	149.387	-56.1803	280.7467	-1.24622
MC1679	DSD01A	5930	152.4605	-57.3914	282.8207	-1.24126
MC1679	DSD01A	5962	152.4607	-57.3888	282.8194	-1.23906

MC1680	DSD01A	5961	153.1328	-58.0989	283.5162	-1.62328
MC1680	DSD01A	5927	153.1385	-58.1008	283.5197	-1.62316
MC1126	DPS02B	5866	153.6434	-53.9327	281.4338	1.996607
MC1126	DPS02B	5867	153.6434	-53.9327	281.4338	1.996607
MC1126	DPS02B	5971	153.6492	-53.9332	281.4369	1.998082
MC1126	DPS02B	5972	153.6492	-53.9332	281.4369	1.998082
MC1127	DPS02B	6170	153.6737	-59.3379	284.4399	-2.49614
MC1127	DPS02B	6171	153.6737	-59.3379	284.4399	-2.49614
MC1127	DPS02B	6252	153.6751	-59.3401	284.4417	-2.49757
MC1127	DPS02B	6253	153.6751	-59.3401	284.4417	-2.49757
FL0027	DPS60B	4609	154.4609	-45.7567	277.343	9.107596
FL0027	DPS60B	4610	154.4609	-45.7567	277.343	9.107596
FL0027	DPS60B	4727	154.4624	-45.756	277.3435	9.108757
FL0027	DPS60B	4728	154.4624	-45.756	277.3435	9.108757
FL0027	DPS60B	5814	154.5032	-45.7498	277.3641	9.129597
FL0027	DPS60B	5815	154.5032	-45.7498	277.3641	9.129597
FL0027	DPS60B	5837	154.5034	-45.7484	277.3634	9.130844
FL0027	DPS60B	5838	154.5034	-45.7484	277.3634	9.130844
GS0585	DPS02B	5957	154.9429	-51.3496	280.6812	4.590652
GS0585	DPS02B	5958	154.9429	-51.3496	280.6812	4.590652
GS0585	DPS02B	5994	154.9494	-51.3529	280.6864	4.590062
GS0585	DPS02B	5995	154.9494	-51.3529	280.6864	4.590062
GS0593	DPM06B	6642	155.4457	-57.7189	284.3386	-.634363
GS0593	DPM06B	6738	155.4549	-57.7205	284.3436	-.633107
MC2120	DSD01A	8483	155.5081	-57.6188	284.3137	-.531821
MC2120	DSD01A	8407	155.5096	-57.6177	284.3138	-.530463
MC1406	DPS02B	6693	155.6056	-57.4359	284.2612	-.34898
MC1406	DPS02B	6694	155.6056	-57.4359	284.2612	-.34898
MC2014	DPS02B	7877	155.6785	-57.4517	284.3028	-.341638
MC2014	DPS02B	7878	155.6785	-57.4517	284.3028	-.341638
MC1110	DPS02B	5796	157.2577	-52.3415	282.4244	4.497063
MC1110	DPS02B	5797	157.2577	-52.3415	282.4244	4.497063
MC1110	DPS02B	5737	157.2584	-52.3481	282.4281	4.491605
MC1110	DPS02B	5738	157.2584	-52.3481	282.4281	4.491605
MC1125	DPS02B	5951	158.0617	-55.512	284.4357	1.998274
MC1125	DPS02B	5952	158.0617	-55.512	284.4357	1.998274
MC1125	DPS02B	5996	158.092	-55.5032	284.4462	2.014457
MC1125	DPS02B	5997	158.092	-55.5032	284.4462	2.014457

GALACTIC PLANE AO'S



300° > ℓ > 285°

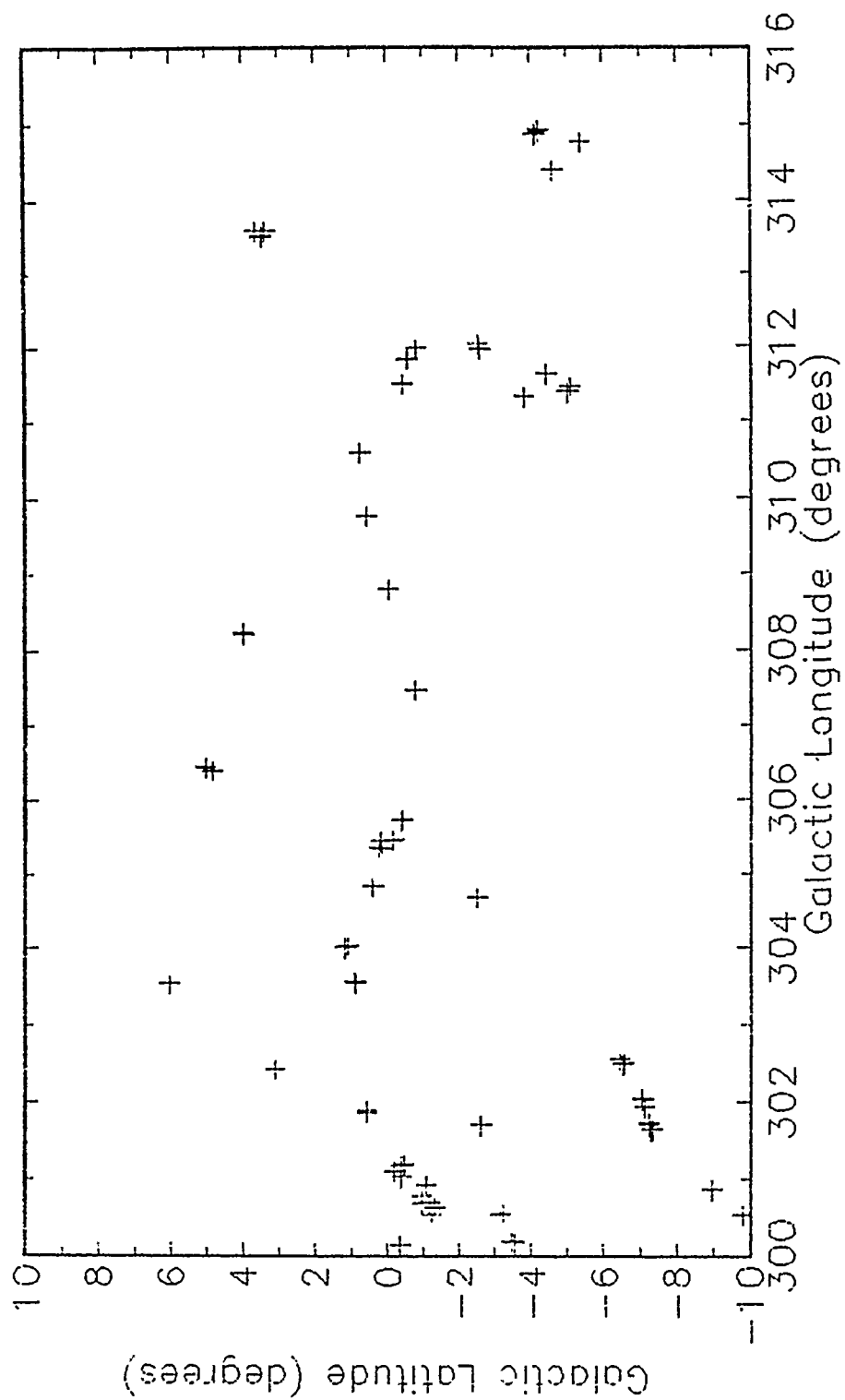
GS0595	DPS02B	6956	155.3336	-59.2589	285.1089	-1.9693
GS0595	DPS02B	6957	155.3336	-59.2589	285.1089	-1.9693
GS0595	DPS02B	6912	155.3375	-59.2613	285.1119	-1.97027
GS0595	DPS02B	6913	155.3375	-59.2613	285.1119	-1.97027
MC1407	DPS02B	6840	157.4361	-57.6668	285.2209	-.037768
MC1407	DPS02B	6841	157.4361	-57.6668	285.2209	-.037768
MC2015	DPS02B	7867	157.4646	-57.6781	285.2397	-.039798
MC2015	DPS02B	7868	157.4646	-57.6781	285.2397	-.039798
MC2019	DSD01A	9086	157.8054	-59.4836	286.3032	-1.50976
MC2019	DSD01A	7934	157.8135	-59.5038	286.3169	-1.52517
MC1652	DPS02B	6113	158.1049	-64.5031	288.9451	-5.78368
MC1652	DPS02B	6114	158.1049	-64.5031	288.9451	-5.78368
MC1652	DPS02B	6384	158.1176	-64.503	288.9499	-5.78086
MC1652	DPS02B	6385	158.1176	-64.503	288.9499	-5.78086
MC1653	DPS02B	6221	158.529	-64.4007	289.0534	-5.60385
MC1653	DPS02B	6222	158.529	-64.4007	289.0534	-5.60385
MC1653	DPS02B	7029	158.5909	-64.4002	289.0765	-5.59019
MC1653	DPS02B	7030	158.5909	-64.4002	289.0765	-5.59019
MC2021	DSD01A	9199	158.6474	-58.5034	286.1931	-.44356
MC2021	DSD01A	7885	158.6584	-58.5249	286.2087	-.459472
GS0618	DPS02B	6466	160.0724	-64.7244	289.7936	-5.56562
GS0618	DPS02B	6467	160.0724	-64.7244	289.7936	-5.56562
GS0618	DPS02B	6569	160.0996	-64.7294	289.8063	-5.56451
GS0618	DPS02B	6570	160.0996	-64.7294	289.8063	-5.56451
MC1356	DPS02B	6278	160.3418	-59.8884	287.6192	-1.24205
MC1356	DPS02B	6279	160.3418	-59.8884	287.6192	-1.24205
MC1356	DPS02B	6354	160.3496	-59.8897	287.6232	-1.24136
MC1356	DPS02B	6355	160.3496	-59.8897	287.6232	-1.24136
MC1408	DPS02B	6971	160.4504	-59.2038	287.3473	-.611346
MC1408	DPS02B	6972	160.4504	-59.2038	287.3473	-.611346
MC1408	DPS02B	7082	160.4565	-59.208	287.352	-.6136
MC1408	DPS02B	7083	160.4565	-59.208	287.352	-.6136
GS0599	DPS02B	7274	160.8248	-59.3119	287.567	-.618062
GS0599	DPS02B	7275	160.8248	-59.3119	287.567	-.618062
BS0316	DPS61D	5973	160.8445	-59.3173	287.5784	-.618201
BS0316	DPS61D	5974	160.8445	-59.3173	287.5784	-.618201
BS0316	DPS61D	5919	160.8584	-59.309	287.5808	-.607562
BS0316	DPS61D	5920	160.8584	-59.309	287.5808	-.607562
U10072	DPS02B	6039	161.4764	-58.7668	287.6152	.020037
U10072	DPS02B	6040	161.4764	-58.7668	287.6152	.020037
U10072	DPS02B	6097	161.4864	-58.772	287.6222	.017756
U10072	DPS02B	6098	161.4864	-58.772	287.6222	.017756
GS0600	DPM06B	7120	161.9551	-59.6996	288.2542	-.70231
GS0600	DPM06B	7255	161.9988	-59.6937	288.2713	-.687172
MC2395	DPS62D	9765	162.9312	-59.4273	288.5779	-.239889
MC2395	DPS62D	9766	162.9312	-59.4273	288.5779	-.239889
MC1405	DPS02B	7301	162.9659	-59.3702	288.5691	-.180782
MC1405	DPS02B	7302	162.9659	-59.3702	288.5691	-.180782
GS0824	DPS60D	9650	163.5436	-60.1343	289.1604	-.745505
GS0824	DPS60D	9651	163.5436	-60.1343	289.1604	-.745505
GS0605	DPS02B	7467	163.5872	-60.078	289.156	-.685312
GS0605	DPS02B	7468	163.5872	-60.078	289.156	-.685312
MC1714	DSD01A	7727	167.0418	-64.3252	292.341	-3.92494
MC1714	DSD01A	7922	167.0437	-64.3235	292.3411	-3.92306

MC2018	DSD01A	9310	167.2584	-61.0583	291.2014	-.861203
MC2018	DSD01A	7946	167.2727	-61.0717	291.2128	-.871035
MC1715	DPS02B	7150	167.2763	-64.1693	292.3766	-3.74213
MC1715	DPS02B	7151	167.2763	-64.1693	292.3766	-3.74213
MC1715	DPS02B	7335	167.2876	-64.1739	292.3829	-3.74455
MC1715	DPS02B	7336	167.2876	-64.1739	292.3829	-3.74455
MC1655	DPS02B	6269	168.0115	-60.4891	291.3328	-.19643
MC1655	DPS02B	6270	168.0115	-60.4891	291.3328	-.19643
MC2122	DPS02B	9114	168.133	-60.5081	291.3954	-.192395
MC2122	DPS02B	9115	168.133	-60.5081	291.3954	-.192395
MC1647	DPS02B	6127	168.2237	-59.9184	291.2241	.3736584
MC1647	DPS02B	6128	168.2237	-59.9184	291.2241	.3736584
MC1647	DPS02B	6182	168.2253	-59.9285	291.2285	.3645297
MC1647	DPS02B	6183	168.2253	-59.9285	291.2285	.3645297
GS0619	DPS02B	6565	168.9002	-62.3208	292.3857	-1.75451
GS0619	DPS02B	6566	168.9002	-62.3208	292.3857	-1.75451
GS0619	DPS02B	7732	168.97	-62.3244	292.4174	-1.74649
GS0619	DPS02B	7733	168.97	-62.3244	292.4174	-1.74649
MC1711	DSD01A	7796	171.2741	-61.9256	293.2996	-1.01066
MC1711	DSD01A	7856	171.2876	-61.9238	293.3051	-1.00694
MC1712	DPS02B	7850	171.5103	-61.772	293.3569	-.829728
MC1712	DPS02B	7851	171.5103	-61.772	293.3569	-.829728
MC1712	DPS02B	7777	171.515	-61.7715	293.3588	-.828555
MC1712	DPS02B	7778	171.515	-61.7715	293.3588	-.828555
MC1721	DPS02B	7964	173.098	-64.1671	294.7704	-2.89382
MC1721	DPS02B	7965	173.098	-64.1671	294.7704	-2.89382
MC1721	DPS02B	8051	173.0982	-64.1751	294.7728	-2.90145
MC1721	DPS02B	8052	173.0982	-64.1751	294.7728	-2.90145
BS0432	DPS61D	8426	175.9332	-64.468	296.0362	-2.85106
BS0432	DPS61D	8427	175.9332	-64.468	296.0362	-2.85106
BS0432	DPS61D	8523	175.9375	-64.4682	296.038	-2.85079
BS0432	DPS61D	8524	175.9375	-64.4682	296.038	-2.85079
BS0432	DPS61D	8595	175.9415	-64.4708	296.0403	-2.85288
BS0432	DPS61D	8596	175.9415	-64.4708	296.0403	-2.85288
MC2358	DPS62D	9845	176.3922	-64.2452	296.174	-2.58623
MC2358	DPS62D	9846	176.3922	-64.2452	296.174	-2.58623
MC1724	DPS02B	8059	176.4573	-64.1806	296.1859	-2.5167
MC1724	DPS02B	8060	176.4573	-64.1806	296.1859	-2.5167
MC1724	DPS02B	8253	176.4687	-64.1862	296.192	-2.52093
MC1724	DPS02B	8254	176.4687	-64.1862	296.192	-2.52093
MC2359	DSD01A	9582	176.6994	-64.631	296.3957	-2.92886
MC2359	DSD01A	9463	176.7047	-64.633	296.3984	-2.93026
MC2124	DSD01A	8400	176.7384	-58.3302	294.9158	3.195895
MC1708	DSD01A	7243	176.7619	-58.3472	294.9319	3.182309
MC1709	DPS02B	7249	176.8887	-58.1692	294.9547	3.371032
MC1709	DPS02B	7250	176.8887	-58.1692	294.9547	3.371032
MC2123	DPS02B	8921	176.9585	-58.1757	294.9921	3.373359
MC2123	DPS02B	8922	176.9585	-58.1757	294.9921	3.373359
BS0255	DPS02B	4013	177.1471	-66.8827	297.1054	-5.07426
BS0255	DPS02B	4014	177.1471	-66.8827	297.1054	-5.07426
BS0255	DPS02B	15536	177.1636	-66.8792	297.1109	-5.06935
BS0255	DPS02B	15537	177.1636	-66.8792	297.1109	-5.06935
BS0255	DPS02B	4145	177.1735	-66.871	297.1128	-5.06048
BS0255	DPS02B	4146	177.1735	-66.871	297.1128	-5.06048

BS0256	DPS02B	4309	177.1819	-66.8415	297.1091	-5.03101
BS0256	DPS02B	4310	177.1819	-66.8415	297.1091	-5.03101
BS0256	DPS02B	4294	177.1826	-66.8545	297.1124	-5.0436
BS0256	DPS02B	4295	177.1826	-66.8545	297.1124	-5.0436
BS0348	DPS61D	6172	177.4188	-66.8208	297.1954	-4.98946
BS0348	DPS61D	6173	177.4188	-66.8208	297.1954	-4.98946
BS0445	DPS61D	8713	177.5548	-66.8401	297.2521	-4.99611
BS0445	DPS61D	8714	177.5548	-66.8401	297.2521	-4.99611
BS0445	DPS61D	8757	177.5568	-66.8374	297.2523	-4.99331
BS0445	DPS61D	8758	177.5568	-66.8374	297.2523	-4.99331
BS0567	DPS61D	9502	177.5879	-66.8505	297.268	-5.00313
BS0567	DPS61D	9503	177.5899	-66.8505	297.268	-5.00313
BS0567	DPS61D	9564	177.5959	-66.8568	297.2717	-5.00874
BS0567	DPS61D	9565	177.5959	-66.8568	297.2717	-5.00874
FL0061	DPS60B	6403	178.641	-57.6744	295.7537	4.060302
FL0061	DPS60B	6404	178.641	-57.6744	295.7537	4.060302
FL0061	DPS60B	6409	178.6425	-57.6754	295.7546	4.059492
FL0061	DPS60B	6410	178.6425	-57.6754	295.7546	4.059492
FL0061	DPS60B	6479	178.6451	-57.6695	295.7548	4.065552
FL0061	DPS60B	6480	178.6451	-57.6695	295.7548	4.065552
FL0061	DPS60B	6390	178.6459	-57.6745	295.7562	4.060752
FL0061	DPS60B	6391	178.6459	-57.6745	295.7562	4.060752
FL0061	DPS60B	6382	178.6472	-57.6722	295.7564	4.063147
FL0061	DPS60B	6383	178.6472	-57.6722	295.7564	4.063147
FL0061	DPS60B	6417	178.6474	-57.6717	295.7564	4.063658
FL0061	DPS60B	6418	178.6474	-57.6717	295.7564	4.063658
FL0061	DPS60B	6807	178.6513	-57.6648	295.757	4.070841
FL0061	DPS60B	6808	178.6513	-57.6648	295.757	4.070841
FL0061	DPS60B	6431	178.6587	-57.6696	295.7619	4.066975
FL0061	DPS60B	6432	178.6587	-57.6696	295.7619	4.066975
FL0061	DPS60B	6425	178.6603	-57.6685	295.7625	4.068229
FL0061	DPS60B	6426	178.6603	-57.6685	295.7625	4.068229
FL0061	DPS60B	7010	178.6652	-57.6656	295.7645	4.071613
FL0061	DPS60B	7011	178.6652	-57.6656	295.7645	4.071613
FL0061	DPS60B	7007	178.6653	-57.6658	295.7646	4.071428
FL0061	DPS60B	7008	178.6653	-57.6658	295.7646	4.071428
FL0061	DPS60B	7682	178.6671	-57.6725	295.7669	4.065077
FL0061	DPS60B	7683	178.6671	-57.6725	295.7669	4.065077
FL0061	DPS60B	7399	178.675	-57.6643	295.7694	4.073979
FL0061	DPS60B	7400	178.675	-57.6643	295.7694	4.073979
FL0061	DPS60B	7382	178.6786	-57.6642	295.7712	4.074478
FL0061	DPS60B	7383	178.6786	-57.6642	295.7712	4.074478
FL0061	DPS60B	7388	178.6801	-57.6644	295.7721	4.07445
FL0061	DPS60B	7389	178.6801	-57.6644	295.7721	4.07445
FL0061	DPS60B	7689	178.6854	-57.6637	295.7747	4.075726
FL0061	DPS60B	7690	178.6854	-57.6637	295.7747	4.075726
GS0623	DPS02B	7902	178.8999	-64.0902	297.2051	-2.19062
GS0623	DPS02B	7903	178.8999	-64.0902	297.2051	-2.19062
GS0623	DPS02B	8156	178.9032	-64.0883	297.2062	-2.18847
GS0623	DPS02B	8157	178.9032	-64.0883	297.2062	-2.18847
MC1733	DPS02B	8546	179.8632	-64.7717	297.7479	-2.77644
MC1733	DPS02B	8547	179.8632	-64.7717	297.7479	-2.77644
MC1733	DPS02B	8641	179.8652	-64.7719	297.7488	-2.77647
MC1733	DPS02B	8642	179.8652	-64.7719	297.7488	-2.77647

MC1737	DPS02B	6918	180.6695	-64.893	298.1078	-2.83243
MC1737	DPS02B	6919	180.6695	-64.893	298.1078	-2.83243
MC1736	DPS02B	8609	180.7297	-64.8888	298.1322	-2.82375
MC1736	DPS02B	8610	180.7297	-64.8888	298.1322	-2.82375
MC1737	DPS02B	8603	180.7354	-64.892	298.1351	-2.82647
MC1737	DPS02B	8604	180.7354	-64.892	298.1351	-2.82647
GS0622	DPS02B	7522	181.0114	-60.8573	297.5526	1.167959
GS0622	DPS02B	7523	181.0114	-60.8573	297.5526	1.167959
GS0622	DPS02B	7970	181.0374	-60.8564	297.565	1.171033
GS0622	DPS02B	7971	181.0374	-60.8564	297.565	1.171033
MC1726	DSD01A	8391	181.6481	-62.5957	298.1421	-.495019
MC2360	DSD01A	9468	181.657	-62.5797	298.1435	-.478565
MC1725	DSD01A	8370	181.6741	-62.599	298.1544	-.496325
MC1727	DPS02B	8162	181.8548	-62.4441	298.2117	-.329997
MC1727	DPS02B	8163	181.8548	-62.4441	298.2117	-.329997
MC1727	DPS02B	8259	181.8569	-62.443	298.2125	-.328755
MC1727	DPS02B	8260	181.8569	-62.443	298.2125	-.328755
MC2361	DPS62D	9546	183.646	-62.1448	298.9917	.0879589
MC2361	DPS62D	9547	183.646	-62.1448	298.9917	.0879589
MC1731	DPS02B	8364	183.6897	-62.0662	299.0016	.1685735
MC1731	DPS02B	8365	183.6897	-62.0662	299.0016	.1685735
MC1692	DSD01A	6472	184.7511	-63.4992	299.6608	-1.19319
MC1692	DSD01A	6398	184.7633	-63.5019	299.6666	-1.19524
GS0624	DPS02B	7861	185.4042	-61.503	299.7395	.8241045
GS0624	DPS02B	7862	185.4042	-61.503	299.7395	.8241045
GS0624	DPS02B	7890	185.4155	-61.5071	299.7452	.8205969
GS0624	DPS02B	7891	185.4155	-61.5071	299.7452	.8205969

GALACTIC PLANE AO'S



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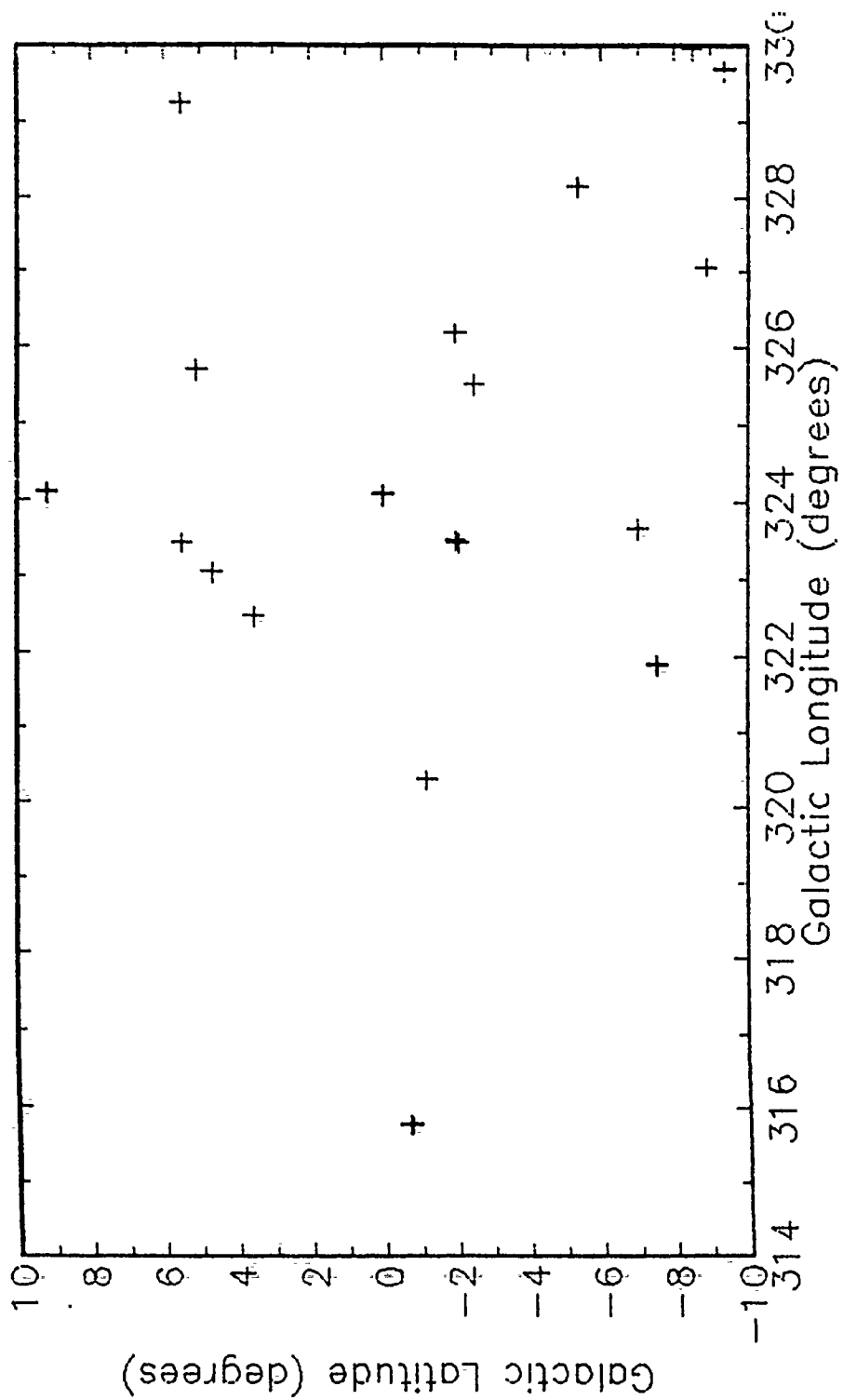
MC2428	DSD01A	10610	184.2928	-72.1677	300.5342	-9.81974
MC2428	DSD01A	10476	184.2944	-72.1734	300.5354	-9.82534
MC1896	DSD01A	9747	184.2973	-72.179	300.537	-9.83078
MC2396	DPS62D	9827	185.3109	-65.87	300.1637	-3.52246
MC2396	DPS62D	9828	185.3109	-65.87	300.1637	-3.52246
MC1765	DPS02B	8856	185.3755	-65.8008	300.1826	-3.45083
MC1765	DPS02B	8857	185.3755	-65.8008	300.1826	-3.45083
MC1893	DPS02B	9625	185.6139	-71.3578	300.8568	-8.96797
MC1893	DPS02B	9626	185.6139	-71.3578	300.8568	-8.96797
MC1892	DPS02B	9636	185.6149	-71.3579	300.8571	-8.96804
MC1892	DPS02B	9637	185.6149	-71.3579	300.8571	-8.96804
MC2427	DPS02B	10504	185.6612	-71.3641	300.8727	-8.97268
MC2427	DPS02B	10505	185.6612	-71.3641	300.8727	-8.97268
BS0372	DPS61D	6880	185.9829	-62.7122	300.1313	-3.351446
BS0372	DPS61D	6881	185.9829	-62.7122	300.1313	-3.351446
BS0372	DPS61D	6934	185.995	-62.7165	300.1372	-3.35519
BS0372	DPS61D	6935	185.995	-62.7165	300.1372	-3.35519
MC1777	DPS02B	7159	186.3168	-65.5219	300.5416	-3.13487
MC1777	DPS02B	7160	186.3168	-65.5219	300.5416	-3.13487
MC2397	DPS62D	9835	186.3298	-65.5877	300.553	-3.1999
MC2397	DPS62D	9836	186.3298	-65.5877	300.553	-3.1999
MC2397	DPS62D	10456	186.3422	-65.5884	300.5582	-3.20012
MC2397	DPS62D	10457	186.3422	-65.5884	300.5582	-3.20012
MC1690	DSD01A	6325	186.7062	-63.6059	300.5381	-1.2116
MC1690	DSD01A	6496	186.7063	-63.607	300.5382	-1.21269
MC1691	DSD01A	6547	186.8815	-63.718	300.6251	-1.31673
MC1691	DSD01A	6491	186.8896	-63.7197	300.6288	-1.31813
MC1689	DSD01A	6318	187.0473	-63.5596	300.6855	-1.15235
MC1689	DSD01A	6513	187.049	-63.5578	300.6861	-1.15099
MC1749	DPS02B	8452	187.06	-63.3436	300.6738	-0.93709
MC1749	DPS02B	8453	187.06	-63.3436	300.6738	-0.93709
MC1751	DPS02B	8625	187.0614	-63.3516	300.6751	-0.945014
MC1751	DPS02B	8626	187.0614	-63.3516	300.6751	-0.945014
MC2354	DPS62D	10203	187.2822	-63.362	300.7746	-0.947606
MC2354	DPS62D	10204	187.2822	-63.362	300.7746	-0.947606
MC2354	DPS62D	10118	187.2884	-63.3634	300.7775	-0.948789
MC2354	DPS62D	10119	187.2884	-63.3634	300.7775	-0.948789
MC1688	DSD01A	6315	187.5757	-63.4915	300.9152	-1.06696
MC1688	DSD01A	6516	187.577	-63.4915	300.9158	-1.06691
MC2362	DSD01A	9481	187.9416	-62.7941	301.0317	-0.359761
MC1747	DSD01A	8535	187.9515	-62.7976	301.0364	-0.362952
MC1748	DPS02B	8441	188.1166	-62.6289	301.101	-0.189675
MC1748	DPS02B	8442	188.1166	-62.6289	301.101	-0.189675
MC1748	DPS02B	8633	188.1283	-62.6273	301.1062	-0.187735
MC1748	DPS02B	8634	188.1283	-62.6273	301.1062	-0.187735
MC1755	DPS02B	8950	188.2525	-62.8233	301.1753	-0.379774
MC1755	DPS02B	8951	188.2525	-62.8233	301.1753	-0.379774
MC2363	DPS62D	10112	188.2805	-62.8886	301.1921	-0.444157
MC2363	DPS62D	10113	188.2805	-62.8886	301.1921	-0.444153
MC2517	DSD01A	11623	188.3085	-69.7578	301.6261	-7.29973
MC2517	DSD01A	11540	188.311	-69.7617	301.6272	-7.30357
MC2425	DSD01A	10543	188.3337	-69.7852	301.6366	-7.32654
MC1863	DSD01A	8474	188.3679	-69.8061	301.6497	-7.34669
MC2039	DPS62D	8669	188.5177	-69.7069	301.6959	-7.24458

MC2039	DPS62D	8670	188.5177	-69.7069	301.6959	-7.24458
MC2516	DPS62D	11729	188.5363	-69.7001	301.702	-7.23742
MC2516	DPS62D	11730	188.5363	-69.7001	301.702	-7.23742
MC2429	DPS62D	10525	188.5654	-69.7085	301.7127	-7.24522
MC2429	DPS62D	10526	188.5654	-69.7085	301.7127	-7.24522
MC2516	DPS62D	11653	188.5844	-69.6987	301.7188	-7.23506
MC2516	DPS62D	11654	188.5844	-69.6987	301.7188	-7.23506
MC2516	DPS62D	12135	188.5949	-69.6951	301.7222	-7.23126
MC2516	DPS62D	12136	188.5949	-69.6951	301.7222	-7.23126
MC2398	DPS62D	9854	189.1568	-65.0893	301.6963	-2.62052
MC2398	DPS62D	9855	189.1568	-65.0893	301.6963	-2.62052
MC1784	DPS02B	7345	189.1577	-65.0259	301.6936	-2.55717
MC1784	DPS02B	7346	189.1577	-65.0259	301.6936	-2.55717
MC1783	DPS02B	7352	189.1579	-65.0297	301.6939	-2.56097
MC1783	DPS02B	7353	189.1579	-65.0297	301.6939	-2.56097
MC2507	DSD01A	11663	189.209	-69.6082	301.9326	-7.13333
MC2507	DSD01A	11746	189.2116	-69.6072	301.9334	-7.13229
MC2506	DPS62D	12041	189.4881	-69.5466	302.0278	-7.06739
MC2506	DPS62D	12042	189.4881	-69.5466	302.0278	-7.06739
MC2506	DPS62D	12139	189.5452	-69.5443	302.0478	-7.06424
MC2506	DPS62D	12140	189.5452	-69.5443	302.0478	-7.06424
MC1746	DSD01A	7999	189.8434	-61.8783	301.8659	.6005707
MC1746	DSD01A	7111	189.8781	-61.8962	301.8829	.5832977
MC2426	DSD01A	10555	190.8369	-69.0145	302.4907	-6.52007
MC1867	DSD01A	9399	190.8694	-69.0367	302.5029	-6.54201
MC2044	DPS62D	9287	191.0245	-68.9373	302.5568	-6.4415
MC2044	DPS62D	9288	191.0245	-68.9373	302.5568	-6.4415
MC2044	DPS62D	9391	191.0273	-68.9355	302.5578	-6.43949
MC2044	DPS62D	9392	191.0273	-68.9355	302.5578	-6.43949
GS0826	DPS60D	9648	191.146	-59.3748	302.4368	3.120387
GS0826	DPS60D	9649	191.146	-59.3748	302.4368	3.120387
GS0826	DPS60D	9959	191.1501	-59.3746	302.4389	3.120623
GS0826	DPS60D	9960	191.1501	-59.3746	302.4389	3.120623
BS0365	DPS61D	6878	193.2564	-56.456	303.5592	6.039644
BS0365	DPS61D	6879	193.2564	-56.456	303.5592	6.039644
BS0365	DPS61D	6944	193.259	-56.4561	303.5606	6.039521
BS0365	DPS61D	6945	193.259	-56.4561	303.5606	6.039521
MC1770	DPS02B	8172	193.4196	-61.6048	303.5562	.8901641
MC1770	DPS02B	8173	193.4196	-61.6048	303.5562	.8901641
MC1770	DPS02B	8322	193.426	-61.604	303.5593	.8909087
MC1770	DPS02B	8323	193.426	-61.604	303.5593	.8909087
MC1766	DPS02B	8787	193.4517	-61.5882	303.5718	.906481
MC1766	DPS02B	8788	193.4517	-61.5882	303.5718	.906481
MC2579	DSD01A	11611	194.3732	-61.3027	304.0196	1.180543
MC1774	DSD01A	8569	194.427	-61.3663	304.0432	1.116119
MC2545	DSD01A	11328	196.1543	-62.0224	304.8308	.4222511
MC2545	DSD01A	11376	196.1636	-62.0328	304.8343	.4116205
BS0396	DPS61D	7571	196.2277	-64.9474	304.6849	-2.49929
BS0396	DPS61D	7572	196.2279	-64.9474	304.6849	-2.49929
BS0396	DPS61D	7630	196.2597	-64.9352	304.6991	-2.48795
BS0396	DPS61D	7631	196.2597	-64.9352	304.6991	-2.48795
MC2400	DPS62D	9782	197.277	-62.259	305.3376	.1500056
MC2400	DPS62D	9783	197.277	-62.259	305.3376	.1500056
MC1791	DPS02B	8850	197.3167	-62.1897	305.3615	.2176806

MC1791	DPS02B	8851	197.3167	-62.1897	305.3615	.2176506
MC2399	DSD01A	10093	197.5172	-62.2133	305.4528	.186656e
MC1789	DSD01A	8962	197.5255	-62.2191	305.4566	.1805227
MC2401	DSD01A	10047	197.6016	-62.5479	305.4643	-.150026
MC1792	DSD01A	8977	197.6183	-62.5625	305.4708	-.165214
MC2402	DSD01A	10029	198.2189	-62.7717	305.7272	-.397768
MC2037	DSD01A	9014	198.2431	-62.7838	305.7371	-.41084
MC1764	DSD01A	8210	198.5628	-57.4772	306.4013	4.856503
MC1764	DSD01A	7217	198.5865	-57.4832	306.4135	4.849282
MC1772	DPS02B	7231	198.6111	-57.2976	306.445	5.032675
MC1772	DPS02B	7232	198.6111	-57.2976	306.445	5.032675
MC1768	DPS02B	7225	198.6124	-57.297	306.4458	5.033203
MC1768	DPS02B	7226	198.6124	-57.297	306.4458	5.033203
MC1772	DPS02B	8007	198.6184	-57.2875	306.45	5.042337
MC1772	DPS02B	8008	198.6184	-57.2875	306.45	5.042337
MC1768	DPS02B	8198	198.6261	-57.282	306.4547	5.047398
MC1768	DPS02B	8199	198.6261	-57.282	306.4547	5.047398
MC2404	DSD01A	10025	202.1371	-62.9214	307.4834	-.765017
MC1862	DSD01A	9077	202.149	-62.9283	307.4877	-.772562
MC1862	DSD01A	9023	202.1503	-62.9272	307.4885	-.771665
GS0632	DPS02B	7912	202.1545	-58.1205	308.2247	3.978392
GS0632	DPS02B	7913	202.1545	-58.1205	308.2247	3.978392
GS0632	DPS02B	7436	202.2177	-58.0865	308.263	4.006866
GS0632	DPS02B	7437	202.2177	-58.0865	308.263	4.006866
MC2387	DSD01A	10197	204.7253	-61.9553	308.8292	-.019475
MC2387	DSD01A	10495	204.7317	-61.9608	308.8311	-.02545
MC2387	DSD01A	9849	204.7325	-61.9602	308.8316	-.024933
MC2387	DSD01A	9913	204.7388	-61.9626	308.834	-.027857
MC2042	DSD01A	9184	204.7417	-61.9649	308.8349	-.030375
GS0614	DPS02B	8152	206.4392	-61.1757	309.7875	.5766573
GS0614	DPS02B	8153	206.4392	-61.1757	309.7875	.5766573
GS0614	DPS02B	8045	206.4453	-61.1771	309.79	.5746512
GS0614	DPS02B	8046	206.4453	-61.1771	309.79	.5746512
GS0615	DPS02B	8651	207.9884	-60.8063	310.6034	.7641366
GS0615	DPS02B	8652	207.9884	-60.8063	310.6034	.7641366
GS0615	DPS02B	9167	208.017	-60.8081	310.6165	.7590298
GS0615	DPS02B	9168	208.017	-60.8081	310.6165	.7590298
GS0647	DSD01A	9484	210.3958	-61.707	311.4889	-.405027
GS0647	DSD01A	9404	210.4122	-61.7099	311.4956	-.409962
GS0649	DPM06D	8564	211.1688	-61.7479	311.8287	-.547495
GS0649	DPM06D	8463	211.186	-61.7534	311.8349	-.555105
GS0648	DSD01A	9489	211.6141	-61.9423	311.9732	-.794606
GS0648	DSD01A	9411	211.6185	-61.941	311.9756	-.793973
MC1895	DSD01A	8436	212.0323	-57.4036	313.528	3.475098
MC1895	DSD01A	9080	212.049	-57.3987	313.535	3.478036
MC1895	DSD01A	8515	212.0592	-57.4022	313.5392	3.473044
MC1743	DPS02B	8032	212.0625	-57.2158	313.5971	3.650283
MC1743	DPS02B	8033	212.0625	-57.2158	313.5971	3.650283
MC1743	DPS02B	8530	212.0625	-57.2095	313.5991	3.656258
MC1743	DPS02B	8531	212.0625	-57.2095	313.5991	3.656258
MC1741	DPS02B	8777	212.0651	-57.2072	313.6011	3.658027
MC1741	DPS02B	8778	212.0651	-57.2072	313.6011	3.658027
MC1741	DPS02B	8741	212.0776	-57.2123	313.606	3.651123
MC1741	DPS02B	8742	212.0776	-57.2123	313.606	3.651123

CG1082	DPS02B	8142	212.2106	-64.9976	311.3141	-3.78994
CG1082	DPS02B	8143	212.2106	-64.9976	311.3141	-3.78994
082	DPS02B	8247	212.2148	-64.998	311.3157	-3.79086
1082	DPS02B	8248	212.2148	-64.998	311.3157	-3.79086
MC2388	DSD01A	10036	212.2174	-57.4688	313.6004	3.383819
CG1082	DPS02B	8589	212.2287	-64.9965	311.3218	-3.79122
CG1082	DPS02B	8590	212.2287	-64.9965	311.3218	-3.79122
MC2388	DSD01A	10122	212.2333	-57.4764	313.6062	3.373983
FL0100	DPS63D	11051	212.7457	-63.6446	311.9514	-2.57359
FL0100	DPS63D	11052	212.7457	-63.6446	311.9514	-2.57359
FL0100	DPS63D	10824	212.7469	-63.6468	311.9512	-2.57584
FL0100	DPS63D	10825	212.7469	-63.6468	311.9512	-2.57584
FL0100	DPS63D	10797	212.7491	-63.647	311.9521	-2.57634
FL0100	DPS63D	10798	212.7491	-63.647	311.9521	-2.57634
FL0100	DPS63D	10643	212.7505	-63.6218	311.9605	-2.55258
FL0100	DPS63D	10644	212.7505	-63.6218	311.9605	-2.55258
FL0100	DPS63D	10629	212.7623	-63.6348	311.9614	-2.56656
FL0100	DPS63D	10630	212.7623	-63.6348	311.9614	-2.56656
FL0100	DPS63D	10663	212.8801	-63.5722	312.0308	-2.52343
FL0100	DPS63D	10664	212.8801	-63.5722	312.0308	-2.52343
FL0100	DPS63D	10418	212.8826	-63.5759	312.0307	-2.52729
FL0100	DPS63D	10419	212.8826	-63.5759	312.0307	-2.52729
MC2422	DSD01A	10514	213.27	-66.1176	311.3821	-4.99072
MC1847	DSD01A	9944	213.2762	-66.1232	311.3827	-4.99683
MC2443	DSD01A	10549	213.3432	-65.4924	311.6112	-4.40794
MC1848	DSD01A	9860	213.3665	-65.5025	311.6171	-4.4206
MC2423	DSD01A	10536	213.4693	-66.1537	311.4471	-5.05078
MC1849	DSD01A	9925	213.4776	-66.1603	311.4482	-5.05811
BS0584	DPS61D	10894	219.6836	-64.6602	314.4096	-4.61067
BS0584	DPS61D	10895	219.6836	-64.6602	314.4096	-4.61067
BS0584	DPS61D	10904	219.6833	-64.6587	314.4103	-4.60934
BS0584	DPS61D	10905	219.6833	-64.6587	314.4103	-4.60934
MC2445	DSD01A	11003	220.1798	-64.016	314.8729	-4.11287
MC2445	DSD01A	10919	220.1939	-64.0142	314.8792	-4.1138
MC2355	DSD01A	9539	220.2116	-64.0178	314.8848	-4.12031
MC2355	DSD01A	9476	220.2345	-64.0234	314.8916	-4.12958
MC1820	DSD01A	9752	220.3914	-64.0805	314.9302	-4.21017
MC1820	DSD01A	8578	220.4542	-64.0945	314.9493	-4.2344
MC0292	DPS52B	320	221.2117	-65.1795	314.7802	-5.35425
MC0292	DPS52B	321	221.2117	-65.1795	314.7802	-5.35425
MC0292	DPS52B	239	221.22	-65.1788	314.7836	-5.35512
MC0292	DPS52B	240	221.22	-65.1788	314.7836	-5.35512

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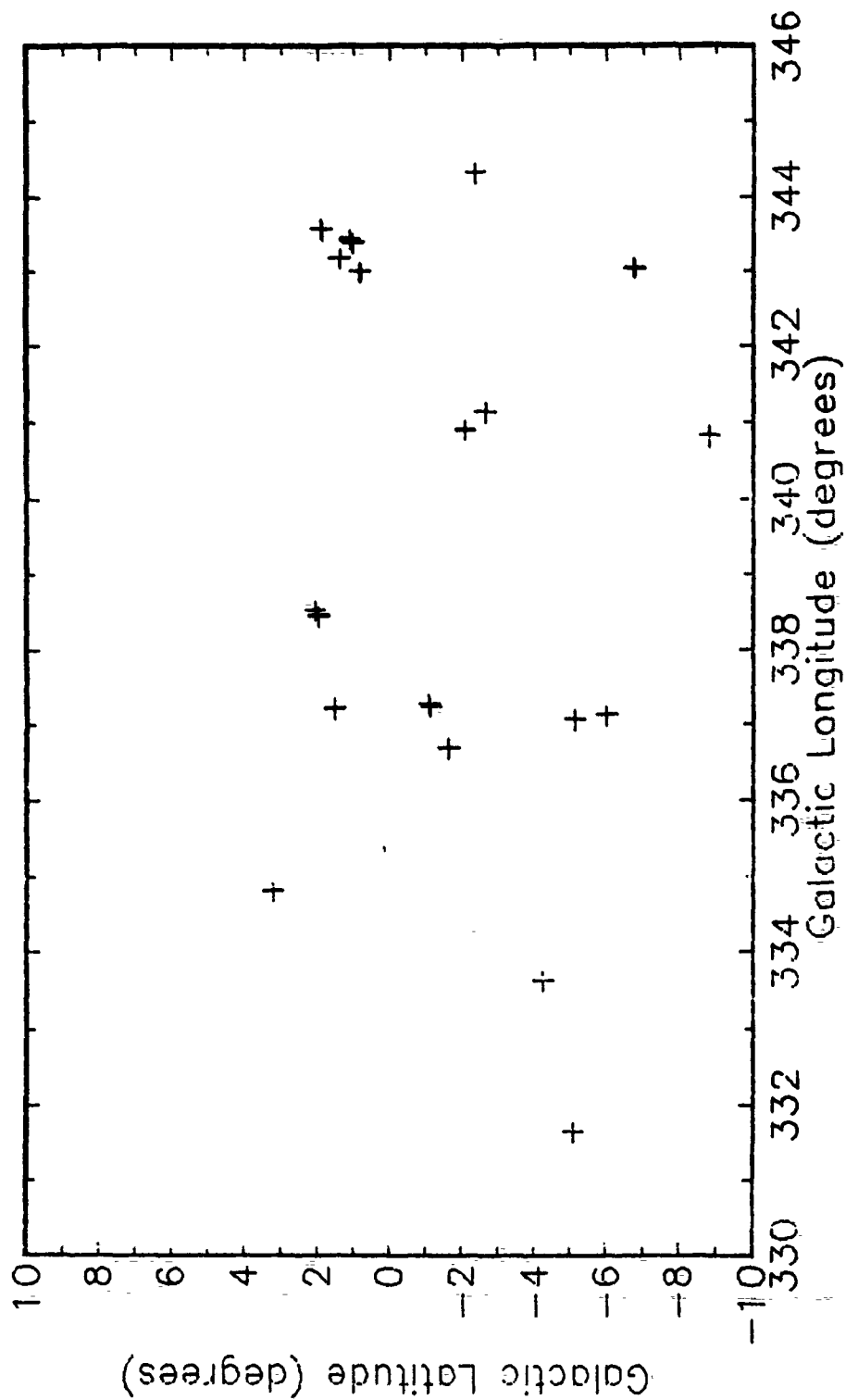


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BS0382	DPS61D	8358	218.9531	-60.5412	315.7686	-7.07296
BS0382	DPS61D	8359	218.9531	-60.5412	315.7686	-7.07296
BS0382	DPS61D	8280	218.9589	-60.5296	315.7759	-6.97795
BS0382	DPS61D	8281	218.9589	-60.5296	315.7759	-6.97795
CG1892	DPS02B	8354	224.3301	-48.0136	324.0937	9.180574
CG1892	DPS02B	8355	224.3301	-48.0136	324.0937	9.180574
CG1892	DPS02B	8178	224.3411	-47.9907	324.1113	9.197127
CG1892	DPS02B	8179	224.3411	-47.9907	324.1113	9.197127
MC1815	DSD01A	9309	226.2567	-51.5332	323.4581	5.501471
MC1815	DSD01A	9161	226.258	-51.5336	323.4586	5.500721
MC1814	DSD01A	9091	226.3822	-52.4526	323.0649	4.666022
MC1814	DSD01A	8927	226.3891	-52.4548	323.0674	4.66209
MC1109	DPS02B	8498	226.5126	-53.7355	322.49	3.515803
MC1109	DPS02B	8499	226.5126	-53.7355	322.49	3.515803
MC1109	DPS02B	8909	226.5169	-53.7308	322.4946	3.518599
MC1109	DPS02B	8910	226.5169	-53.7308	322.4946	3.518599
BS0444	DPS62D	8731	227.4612	-58.8809	320.341	-1.18918
BS0444	DPS62D	8732	227.4612	-58.8809	320.341	-1.18918
BS0444	DPS62D	8781	227.4814	-58.8836	320.3486	-1.19484
BS0444	DPS62D	8782	227.4814	-58.8836	320.3486	-1.19484
MC1821	DSD01A	9462	229.6233	-50.7127	325.6991	5.10425
MC1821	DSD01A	9375	229.6311	-50.7143	325.7024	5.100234
MC2509	DSD01A	11199	232.1553	-55.8537	324.1058	-0.012317
MC2509	DSD01A	11142	232.1612	-55.8561	324.1071	-0.016175
MC2142	DSD01A	10182	232.1736	-55.8566	324.1126	-0.020547
MC1124	DPS02B	10408	233.3541	-57.8016	323.5193	-1.98219
MC1124	DPS02B	10409	233.3541	-57.8016	323.5193	-1.98219
MC2510	DPS62D	11136	233.3669	-57.8772	323.4807	-2.04756
MC2510	DPS62D	11137	233.3669	-57.8772	323.4807	-2.04756
U10074	DPS02B	8805	233.756	-48.3486	329.2629	5.534916
U10074	DPS02B	8806	233.756	-48.3486	329.2629	5.534916
U10074	DPS02B	8846	233.7598	-48.3481	329.2652	5.533828
U10074	DPS02B	8847	233.7598	-48.3481	329.2652	5.533828
MC1123	DPS02B	10580	236.8676	-56.9915	325.5187	-2.47956
MC1123	DPS02B	10581	236.8676	-56.9915	325.5187	-2.47956
MC1123	DPS02B	10416	236.8696	-56.9954	325.5171	-2.48329
MC1123	DPS02B	10417	236.8696	-56.9954	325.5171	-2.48329
GS0270	DPS02B	222	237.2099	-56.1463	326.1949	-1.93796
GS0270	DPS02B	223	237.2099	-56.1463	326.1949	-1.93796
BS0066	DPS52B	301	237.2322	-56.1636	326.1937	-1.95922
BS0066	DPS52B	302	237.2322	-56.1636	326.1937	-1.95922
BS0066	DPS52B	262	237.2322	-56.1631	326.1941	-1.95983
BS0066	DPS52B	263	237.2322	-56.1631	326.1941	-1.95983
BS0066	DPS52B	193	237.2352	-56.1628	326.1955	-1.95965
BS0066	DPS52B	194	237.2352	-56.1628	326.1955	-1.95965
BS0471	DPS61D	9424	237.6172	-63.1762	321.8992	-7.51902
BS0471	DPS61D	9425	237.6172	-63.1762	321.8992	-7.51902
BS0471	DPS61D	9568	237.6218	-63.177	321.9003	-7.52096
BS0471	DPS61D	9569	237.6218	-63.177	321.9003	-7.52096
BS0471	DPS61D	9947	237.6272	-63.1918	321.8927	-7.53393
BS0471	DPS61D	9948	237.6272	-63.1918	321.8927	-7.53393
BS0471	DPS61D	10321	237.6439	-63.1711	321.9118	-7.52277
BS0471	DPS61D	10322	237.6439	-63.1711	321.9118	-7.52277
MC1947	DSD01A	10980	239.8073	-61.6576	323.6698	-7.02039

MC1947	DSD01A	10441	239.8218	-61.6557	323.6763	-7.02319
MC2625	DSD01A	12300	244.0078	-57.3865	328.1602	-5.33751
MC1960	DSD01A	10985	244.0366	-57.3911	328.1681	-5.35166
MC2640	DSD01A	12433	247.5236	-60.6057	327.097	-8.87608
MC1972	DSD01A	11202	247.5494	-60.6116	327.1013	-8.8894
MC1972	DSD01A	11147	247.5496	-60.6115	327.1014	-8.88941
GS0745	DPS60D	10652	250.6598	-58.2415	329.9582	-8.51382
GS0745	DPS60D	10653	250.6598	-58.2415	329.9582	-8.51382
GS0745	DPS60D	11064	250.6716	-58.2409	329.9628	-8.51818
GS0745	DPS60D	11065	250.6716	-58.2409	329.9628	-8.51818
MC1973	DSD01A	11373	251.6375	-59.0042	329.6941	-9.39287
MC1973	DSD01A	11321	251.6525	-59.0063	329.6974	-9.40017

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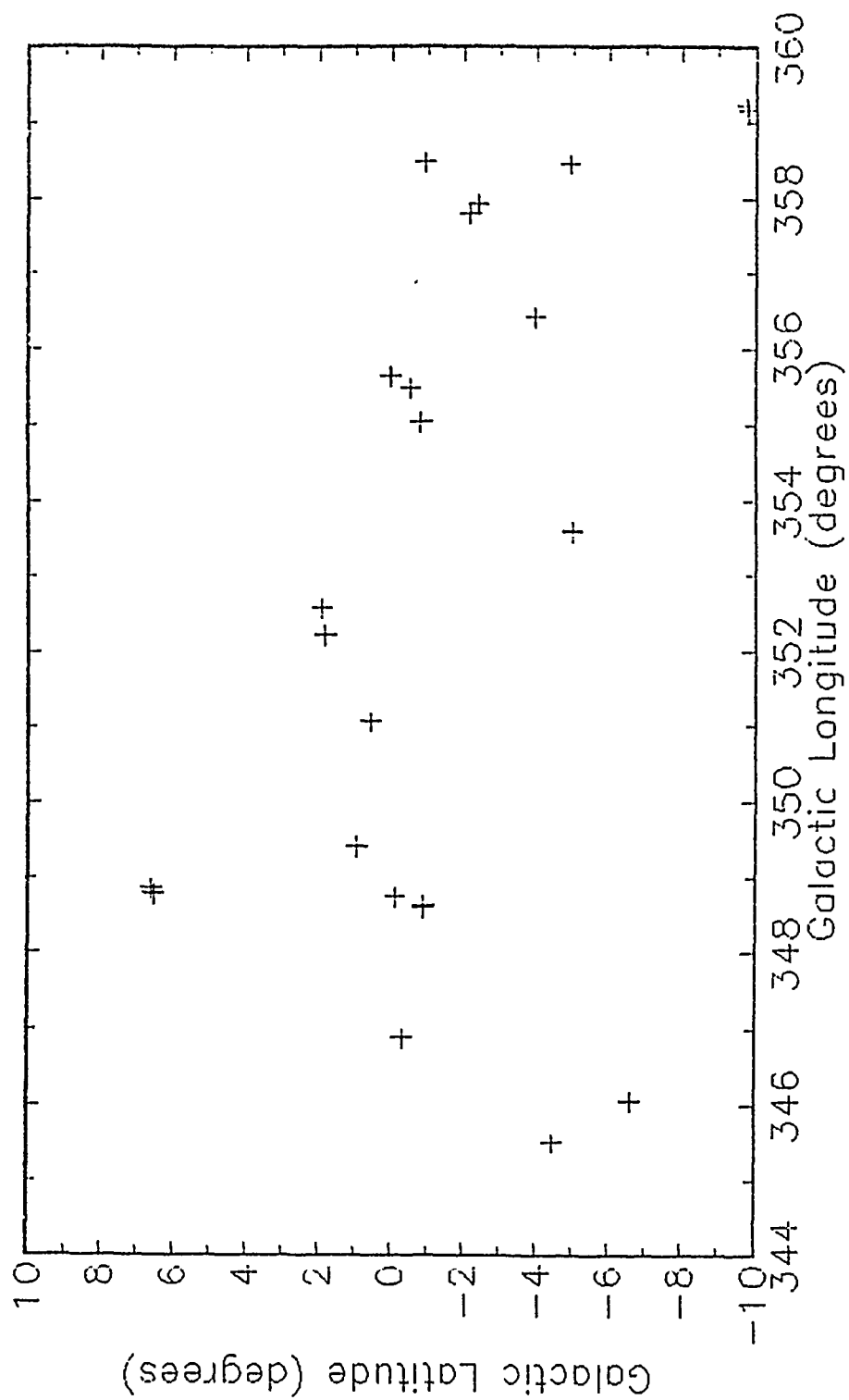


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GS0734	DSD01A	9273	242.223	-46.5935	334.8055	3.242245
GS0734	DSD01A	9198	242.2382	-46.5909	334.815	3.237044
GS0754	DPS60D	9500	246.4384	-46.1241	337.2128	1.540103
GS0754	DPS60D	9501	246.4384	-46.1241	337.2128	1.540103
GS0754	DPS60D	9580	246.451	-46.1257	337.2177	1.532708
GS0754	DPS60D	9581	246.451	-46.1257	337.2177	1.532708
MC2504	DPS62D	11744	247.1658	-44.8037	338.5205	2.083522
MC2504	DPS62D	11745	247.1658	-44.8037	338.5205	2.083522
MC2504	DPS62D	11538	247.1713	-44.7988	338.5268	2.084055
MC2504	DPS62D	11539	247.1713	-44.7988	338.5268	2.084055
MC2504	DPS62D	11249	247.1724	-44.8044	338.5232	2.079639
MC2504	DPS62D	11250	247.1724	-44.8044	338.5232	2.079639
MC2503	DSD01A	11128	247.1899	-44.9161	338.4506	1.993865
MC2503	DSD01A	11191	247.2037	-44.9184	338.4556	1.985124
MC1970	DSD01A	10990	247.9708	-54.7025	331.6412	-5.05945
MC1970	DSD01A	11078	247.9715	-54.7031	331.6411	-5.06015
MC1971	DSD01A	10995	249.1875	-52.6782	333.631	-4.2329
MC1971	DSD01A	11083	249.1975	-52.678	333.6352	-4.23728
GS0759	DPS60D	10541	249.315	-48.6566	336.6851	-1.61021
GS0759	DPS60D	10542	249.315	-48.6566	336.6851	-1.61021
GS0758	DPS60D	10531	249.3171	-47.9272	337.2293	-1.12444
GS0758	DPS60D	10532	249.3171	-47.9272	337.2293	-1.12444
GS0758	DPS60D	10392	249.3186	-47.8676	337.2744	-1.0854
GS0758	DPS60D	10393	249.3186	-47.8676	337.2744	-1.0854
GS0759	DPS60D	9745	249.3206	-48.6594	336.6855	-1.61484
GS0759	DPS60D	9746	249.3206	-48.6594	336.6855	-1.61484
BS0480	DPS60D	10103	251.9508	-41.1571	343.5731	1.893722
BS0480	DPS60D	10104	251.9508	-41.1571	343.5731	1.893722
BS0480	DPS60D	10016	251.9547	-41.1372	343.5903	1.904257
BS0480	DPS60D	10017	251.9547	-41.1372	343.5903	1.904257
BS0481	DPS60D	10402	252.1192	-41.7623	343.1899	1.408496
BS0481	DPS60D	10403	252.1192	-41.7623	343.1899	1.408496
BS0481	DPS60D	9843	252.132	-41.7642	343.1945	1.39995
BS0481	DPS60D	9844	252.132	-41.7642	343.1945	1.39995
GS0738	DPS60D	10193	252.5473	-42.2736	343.	.8370595
GS0738	DPS60D	10194	252.5473	-42.2736	343.	.8370595
GS0738	DPS60D	9923	252.5543	-42.2745	343.0026	.8324946
GS0738	DPS60D	9924	252.5543	-42.2745	343.0026	.8324946
BS0482	DPS60D	10523	252.6182	-41.7485	343.4384	1.130948
BS0482	DPS60D	10524	252.6182	-41.7485	343.4384	1.130948
BS0482	DPS60D	9852	252.6355	-41.7324	343.459	1.131241
BS0482	DPS60D	9853	252.6355	-41.7324	343.459	1.131241
GS0739	DSD01A	10662	252.6761	-41.8363	343.3981	1.041774
GS0739	DSD01A	10567	252.6829	-41.8356	343.4019	1.03831
GS0739	DSD01A	9826	252.6891	-41.8359	343.4046	1.034555
MC0294	DPS52B	493	253.8118	-50.6202	337.0639	-5.10116
MC0294	DPS52B	494	253.8118	-50.6202	337.0639	-5.10116
MC0294	DPS52B	484	253.8128	-50.6155	337.068	-5.09873
MC0294	DPS52B	485	253.8128	-50.6155	337.068	-5.09873
GS0743	DSD01A	10486	253.8159	-45.7405	340.8876	-2.0595
GS0743	DSD01A	10333	253.829	-45.7405	340.8933	-2.06664
GS0767	DPS60D	10816	254.6652	-45.9068	341.125	-2.62665
GS0767	DPS60D	10817	254.6652	-45.9068	341.125	-2.62665
GS0767	DPS60D	10734	254.6671	-45.9078	341.125	-2.62831

BS0767	DPS60D	10735	254.6671	-45.9078	341.125	-2.62831
MC2374	DSD01A	11372	254.9842	-51.1165	337.1287	-5.98974
MC2374	DSD01A	11275	254.9879	-51.1135	337.1326	-5.98975
BS0474	DPS60D	10744	257.0564	-43.1702	344.3373	-2.32308
BS0474	DPS60D	10745	257.0564	-43.1702	344.3373	-2.32308
BS0474	DPS60D	10647	257.0605	-43.1725	344.3372	-2.32685
BS0474	DPS60D	10648	257.0605	-43.1725	344.3372	-2.32685
BS0449	DPS61D	10591	261.1548	-46.7533	343.0677	-6.75419
BS0449	DPS61D	10592	261.1548	-46.7533	343.0677	-6.75419
BS0449	DPS61D	10502	261.1572	-46.7702	343.0545	-6.7649
BS0449	DPS61D	10503	261.1572	-46.7702	343.0545	-6.7649
BS0450	DPS61D	10608	261.907	-49.7414	340.8184	-8.80677
BS0450	DPS61D	10609	261.907	-49.7414	340.8184	-8.80677
BS0450	DPS61D	10716	261.9233	-49.7403	340.8251	-8.81505
BS0450	DPS61D	10717	261.9233	-49.7403	340.8251	-8.81505

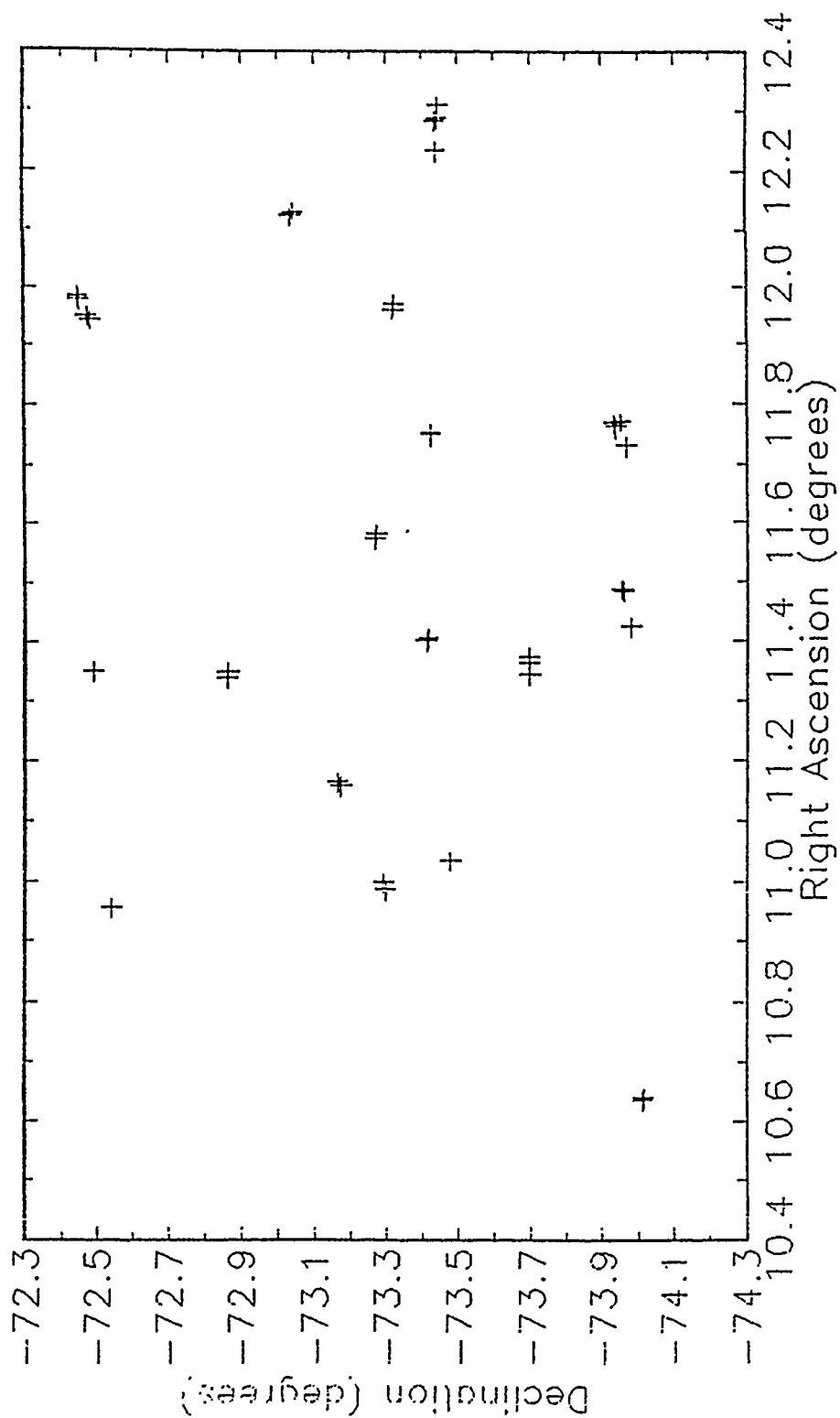
GALACTIC PLANE AO'S



$$360^{\circ} > \ell > 345^{\circ}$$

BS0472	DPS60D	10384	251.655	-34.1986	348.7755	6.538278
BS0472	DF 60D	10385	251.655	-34.1986	348.7755	6.538278
BS0472	DPS60D	9833	251.6554	-34.1837	348.7872	6.547557
BS0472	DPS60D	9834	251.6554	-34.1837	348.7872	6.547557
BS0472	DPS60D	10729	251.6612	-34.198	348.7793	6.534721
BS0472	DPS60D	10730	251.6612	-34.198	348.7793	6.534721
BS0472	DPS60D	10270	251.6626	-34.1078	348.8498	6.591532
BS0472	DPS60D	10271	251.6626	-34.1078	348.8498	6.591532
GS0770	DSD01A	10475	256.9507	-39.9249	346.8954	-.323465
GS0770	DSD01A	10356	256.9546	-39.9248	346.8972	-.325804
MC2206	DSD01A	10548	257.5481	-37.1397	349.4177	.9573036
MC2206	DSD01A	10367	257.5576	-37.1346	349.421	.9542184
GS0772	DSD01A	10424	258.1318	-38.3031	348.7449	-.101477
GS0772	DSD01A	10554	258.1375	-38.3054	348.7456	-.106448
GS0869	DPS60D	12788	258.7009	-34.371	352.2041	1.824309
GS0869	DPS60D	12789	258.7009	-34.371	352.2041	1.824309
GS0869	DPS60D	12936	258.7065	-34.3501	352.2238	1.832701
GS0869	DPS60D	12937	258.7065	-34.3501	352.2238	1.832701
GS0902	DSD01A	12778	258.832	-38.8757	348.5996	-.88013
GS0773	DSD01A	11044	258.8564	-34.0141	352.5696	1.926886
GS0773	DSD01A	10881	258.8601	-34.0116	352.5734	1.925838
GS0870	DSD01A	12887	258.8633	-38.8578	348.6283	-.889577
GS0870	DSD01A	12744	258.864	-38.8642	348.6234	-.893736
MC2631	DSD01A	12938	259.125	-36.0115	351.0684	.5905397
MC2631	DSD01A	12825	259.1318	-36.0128	351.0706	.5853005
MC2250	DSD01A	11363	259.1348	-36.0134	351.0715	.5829739
GS0780	DPS60D	11070	260.355	-43.4477	345.5056	-4.4391
GS0780	DPS60D	11071	260.355	-43.4477	345.5056	-4.4391
GS0780	DPS60D	10910	260.3579	-43.4467	345.5076	-4.44027
GS0780	DPS60D	10911	260.3579	-43.4467	345.5076	-4.44027
GS0784	DPS60D	11387	262.7996	-32.5422	355.6445	.0348585
GS0784	DPS60D	11388	262.7996	-32.5422	355.6445	.0348585
GS0844	DPS60D	12004	262.8083	-32.5498	355.6421	.024559
GS0844	DPS60D	12005	262.8083	-32.5498	355.6421	.024559
GS0845	DSD01A	12391	263.2485	-33.5063	355.0426	-.8071
GS0845	DSD01A	12458	263.2532	-33.506	355.045	-.810223
GS0864	DSD01A	13010	263.2595	-32.9756	355.4928	-.525852
GS0864	DSD01A	13127	263.2656	-32.9789	355.4928	-.531941
BS0451	DPS61D	10706	263.2886	-44.1863	346.0557	-6.61295
BS0451	DPS61D	10707	263.2886	-44.1863	346.0557	-6.61295
BS0451	DPS61D	10960	263.3005	-44.1827	346.0634	-6.61823
BS0451	DPS61D	10961	263.3005	-44.1827	346.0634	-6.61823
SF0067	DPM06D	13059	265.5293	-30.6444	358.4947	-.905166
SF0067	DPM06D	13020	265.54	-30.6468	358.4975	-.914253
SY0149	DPS60M	12415	266.3682	-31.8851	357.8135	-2.16608
SY0149	DPS60M	12416	266.3682	-31.8851	357.8135	-2.16608
BS0411	DPS61D	11155	266.6392	-36.9425	353.5942	-4.9762
BS0411	DPS61D	11156	266.6392	-36.9425	353.5942	-4.9762
SY0150	DPS60M	12444	266.6484	-31.8792	357.9423	-2.3663
SY0150	DPS60M	12445	266.6484	-31.8792	357.9423	-2.3663
BS0411	DPS61D	11214	266.6492	-36.9397	353.6007	-4.98162
BS0411	DPS61D	11215	266.6492	-36.9397	353.6007	-4.98162
SF0062	DPS61D	13069	267.324	-34.0104	356.4055	-3.95025
SF0062	DPS61D	13070	267.324	-34.0104	356.4055	-3.95025

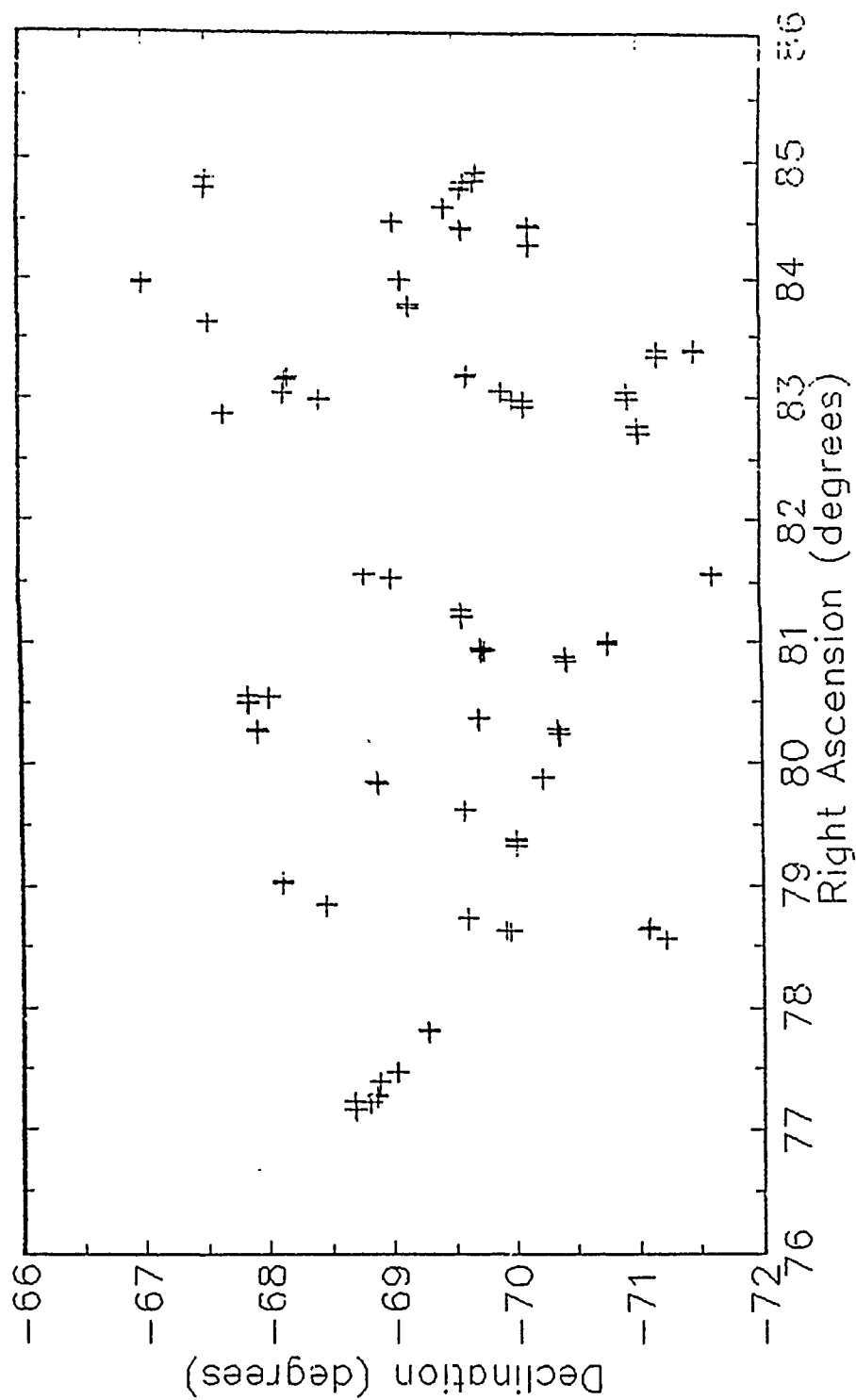
SMALL MAGELLANIC CLOUD AO'S



SMC

OBSID	MACRO	GRID	RAD	DEC
CG2023	DPM06D	11192	10.636	-74.0131
CG2023	DPM06D	11123	10.641	-74.0149
CG2022	DPM06D	11152	10.9556	-72.5402
CG1952	DSD01A	7480	10.9849	-73.2938
CG1952	DSD01A	7429	10.996	-73.2886
CG1972	DSD01A	7047	11.0333	-73.4757
CG1972	DSD01A	7261	11.0341	-73.4777
CG1976	DSD01A	7584	11.1588	-73.1694
CG1976	DSD01A	7527	11.1633	-73.1614
CG1975	DSD01A	7112	11.3376	-72.862
CG1953	DSD01A	7178	11.3414	-73.6963
CG1975	DSD01A	7331	11.3485	-72.8636
CG2022	DPM06D	11440	11.3495	-72.4887
CG1953	DSD01A	7022	11.3625	-73.6947
CG1953	DSD01A	7476	11.3718	-73.6945
CG1954	DSD01A	7484	11.3999	-73.4094
CG1954	DSD01A	7530	11.4046	-73.4133
CG1676	DPM06B	6006	11.4239	-73.9803
CG1676	DPM06B	5694	11.4815	-73.9581
CG1676	DPM06B	5699	11.4823	-73.9586
CG1676	DPM06B	5645	11.4842	-73.9535
CG1676	DPM06B	5648	11.4852	-73.9547
CG1974	DSD01A	7487	11.5702	-73.2668
CG1974	DSD01A	7540	11.5789	-73.2692
CG1750	DPM06B	5851	11.7295	-73.969
CG1956	DSD01A	7533	11.7465	-73.4209
CG1956	DSD01A	7485	11.7483	-73.4216
CG1459	DPM06B	4915	11.7595	-73.9377
CG1459	DPM06B	4870	11.7659	-73.9341
CG1459	DPM06B	5186	11.769	-73.9512
CG1675	DPM06B	5830	11.9458	-72.4842
CG1675	DPM06B	5635	11.9507	-72.4737
CG1675	DPM06B	5632	11.951	-72.4729
CG1675	DPM06B	5640	11.9511	-72.4734
CG1675	DPM06B	5594	11.9514	-72.4734
CG1955	DSD01A	7524	11.9606	-73.3203
CG1955	DSD01A	7567	11.9685	-73.3221
CG1458	DPM06B	4820	11.9798	-72.4499
CG1459	DPM06B	4755	11.9854	-72.4479
CG1973	DSD01A	7453	12.1238	-73.0409
CG1973	DSD01A	7515	12.1317	-73.0464
CG0771	DPS02B	597	12.2343	-73.4404
CG0771	DPS02B	598	12.2343	-73.4404
CG0771	DPS02B	713	12.2845	-73.4373
CG0771	DPS02B	714	12.2845	-73.4373
CG0771	DPS02B	785	12.2875	-73.443
CG0771	DPS02B	786	12.2875	-73.443
CG0771	DPS02B	847	12.31	-73.4429
CG0771	DPS02B	848	12.31	-73.4429

LARGE MAGELLANIC CLOUD AO'S



LMC

CG0896	DPS02B	1489	77.1597	-68.6826
CG0896	DPS02B	1490	77.1597	-68.6826
CG0896	DPS02B	1558	77.16661	-68.6794
CG0896	DPS02B	1559	77.16661	-68.6794
CG1044	DPS02B	1666	77.2194	-68.8046
CG1044	DPS02B	1667	77.2194	-68.8046
CG0896	DPS02B	1889	77.2298	-68.6735
CG0896	DPS02B	1890	77.2298	-68.6735
CG0784	DPS02B	700	77.2717	-68.8585
CG0784	DPS02B	701	77.2717	-68.8585
CG0784	DPS02B	756	77.2815	-68.8564
CG0784	DPS02B	757	77.2815	-68.8564
CG1963	DSD01A	7545	77.3867	-68.8804
CG1963	DSD01A	7593	77.38871	-68.8796
CG1368	DPS05B	3581	77.4738	-69.023
CG1368	DPS05B	3582	77.4738	-69.023
CG1368	DPS05B	3607	77.4755	-69.0264
CG1368	DPS05B	3608	77.4755	-69.0264
CG1367	DPS05B	3589	77.80281	-69.2816
CG1367	DPS05B	3590	77.80281	-69.2816
CG1367	DPS05B	3585	77.8147	-69.2792
CG1367	DPS05B	3586	77.8147	-69.2792
CG2019	DPM06D	10665	78.55461	-71.2168
CG2035	DPM06D	10758	78.62281	-69.9562
CG2035	DPM06D	10672	78.6315	-69.9214
CG1455	DPM06B	4498	78.6364	-71.0741
CG1599	DPM06B	4875	78.6609	-71.0792
CG1451	DPM06B	4413	78.72721	-69.6096
CG1451	DPM06B	4455	78.7326	-69.6101
CG2031	DPM06D	11391	78.832	-68.456
CG2031	DPM06D	11341	78.84181	-68.4558
CG1447	DPM06B	4300	79.0123	-68.1086
CG1447	DPM06B	4509	79.0307	-68.1093
CG1101	DPS05B	2435	79.32411	-70.0063
CG1101	DPS05B	2436	79.32411	-70.0063
CG1101	DPS05B	2762	79.3603	-70.0072
CG1101	DPS05B	2763	79.3603	-70.0072
CG1101	DPS05B	15458	79.3781	-70.007
CG1101	DPS05B	15459	79.3781	-70.007
CG1101	DPS05B	15460	79.38381	-70.0063
CG1101	DPS05B	15461	79.38381	-70.0063
CG0903	DPS02B	1456	79.6222	-69.5863
CG0903	DPS02B	1457	79.6222	-69.5863
CG0903	DPS02B	1508	79.625	-69.5866
CG0903	DPS02B	1509	79.625	-69.5866
CG0786	DPS02	616	79.8321	-68.8803
CG0786	DPS02	617	79.8321	-68.8803
CG0786	DPS02B	680	79.8461	-68.8741
CG0786	DPS02B	681	79.8461	-68.8741
CG0786	DPS02B	753	79.8507	-68.8691
CG0786	DPS02B	754	79.8507	-68.8691
CG0786	DPS02B	798	79.8512	-68.8658
CG0786	DPS02B	799	79.8512	-68.8658
CG1100	DPS05B	15456	79.88101	-70.2255

CG1100	DPS05B	15457	79.88101	-70.2255
CG1100	DPS05B	15428	79.883	-70.2223
CG1100	DPS05B	15429	79.883	-70.2223
CG1100	DPS05B	15450	79.8844	-70.2225
CG1100	DPS05B	15451	79.8844	-70.2225
CG1100	DPS05B	15434	79.8861	-70.2237
CG1100	DPS05B	15435	79.8861	-70.2237
CG1099	DPS05B	2815	80.2389	-70.3641
CG1099	DPS05B	2816	80.2389	-70.3641
CG1099	DPS05B	15408	80.24101	-70.3632
CG1099	DPS05B	15409	80.24101	-70.3632
CG1099	DPS05B	2756	80.243	-70.3612
CG1099	DPS05B	2757	80.243	-70.3612
CG0787	DPS02B	609	80.26141	-67.9184
CG0787	DPS02B	610	80.26141	-67.9184
CG0787	DPS02B	674	80.2771	-67.9152
CG0787	DPS02B	675	80.2771	-67.9152
CG1099	DPS05B	15418	80.2787	-70.35
CG1099	DPS05B	15419	80.2787	-70.35
CG1964	DSD01A	7103	80.36101	-69.7097
CG1964	DSD01A	7508	80.37551	-69.7048
CG0904	DPS02B	1512	80.48721	-67.8426
CG0904	DPS02B	1513	80.48721	-67.8426
CG0904	DPS02B	1572	80.50021	-67.8409
CG0904	DPS02B	1573	80.50021	-67.8409
CG0789	DPS02B	611	80.53871	-68.0121
CG0789	DPS02B	612	80.53871	-68.0121
CG0789	DPS02B	654	80.54241	-68.0103
CG0789	DPS02B	655	80.54241	-68.0103
CG0904	DPS02B	1822	80.5466	-67.8336
CG0904	DPS02B	1823	80.5466	-67.8336
CG1098	DPS05B	2726	80.83331	-70.4237
CG1098	DPS05B	2727	80.83331	-70.4237
CG1098	DPS05B	2732	80.84191	-70.4189
CG1098	DPS05B	2733	80.84191	-70.4189
CG1098	DPS05B	2749	80.8678	-70.4156
CG1098	DPS05B	2750	80.8678	-70.4156
CG1098	DPS05B	2741	80.877	-70.4078
CG1098	DPS05B	2742	80.877	-70.4078
CG0791	DPS02B	816	80.9149	-69.7342
CG0791	DPS02B	817	80.9149	-69.7342
CG0791	DPS02B	851	80.9238	-69.7358
CG0791	DPS02B	852	80.9238	-69.7358
CG0791	DPS02B	888	80.9261	-69.7574
CG0791	DPS02B	889	80.9261	-69.7574
CG0791	DPS02B	910	80.93581	-69.7333
CG0791	DPS02B	911	80.93581	-69.7333
CG0791	DPS02B	954	80.9509	-69.7263
CG0791	DPS02B	955	80.9509	-69.7263
CG1097	DPS05B	2433	80.97801	-70.7579
CG1097	DPS05B	2434	80.97801	-70.7579
CG1097	DPS05B	2431	80.99221	-70.7599
CG1097	DPS05B	2432	80.99221	-70.7599
CG0898	DPS02B	1494	81.19911	-69.5785

CG0898	DPS02B	1495	81.19911	-69.5785
CG0898	DPS02B	1566	81.2059	-69.5783
CG0898	DPS02B	1567	81.2059	-69.5783
CG0898	DPS02B	1795	81.25201	-69.5719
CG0898	DPS02B	1796	81.25201	-69.5719
U10115	DPS60D	14277	81.52381	-69.0144
U10115	DPS60D	14278	81.52381	-69.0144
U10115	DPS60D	14223	81.52911	-69.0144
U10115	DPS60D	14224	81.52911	-69.0144
CG1965	DSD01A	7084	81.549	-68.7924
CG1965	DSD01A	7171	81.5524	-68.7926
U10112	DPS60D	12822	81.5577	-71.6197
U10112	DPS60D	12823	81.5577	-71.6197
U10112	DPS60D	12923	81.5626	-71.617
U10112	DPS60D	12924	81.5626	-71.617
CG0792	DPS02B	636	82.70561	-71.028
CG0792	DPS02B	637	82.70561	-71.028
CG0792	DPS02B	845	82.7555	-71.0181
CG0792	DPS02B	846	82.7555	-71.0181
CG0794	DPS02B	601	82.8605	-67.6472
CG0794	DPS02B	602	82.8605	-67.6472
CG0794	DPS02B	651	82.86231	-67.6566
CG0794	DPS02B	652	82.86231	-67.6566
CG0857	DPS02B	1601	82.91851	-70.0886
CG0857	DPS02B	1602	82.91851	-70.0886
CG0857	DPS02B	1626	82.9252	-70.0889
CG0857	DPS02B	1627	82.9252	-70.0889
CG0857	DPS02B	1895	82.9688	-70.0887
CG0857	DPS02B	1896	82.9688	-70.0887
CG2016	DPM06D	11499	82.97691	-70.0038
CG0894	DPS02B	1482	82.9784	-70.9405
CG0894	DPS02B	1483	82.9784	-70.9405
CG2032	DPM06D	11449	82.9799	-68.436
CG0894	DPS02B	1549	82.9822	-70.9412
CG0894	DPS02B	1550	82.9822	-70.9412
CG2032	DPM06D	11381	82.99411	-68.4355
CG1448	DPM06B	4569	83.0402	-68.1453
CG0894	DPS02B	1835	83.0454	-70.9333
CG0894	DPS02B	1836	83.0454	-70.9333
CG2016	DPM06D	11285	83.0494	-69.9033
CG1615	DPM06B	5073	83.1535	-68.1603
CG1452	DPM06B	4553	83.1658	-69.6207
CG1674	DPM06B	5579	83.1726	-68.1804
CG1598	DPM06B	4879	83.18401	-69.6262
CG1600	DPM06B	4880	83.32591	-71.1772
CG2020	DPM06D	10649	83.3693	-71.4748
CG1456	DPM06B	4560	83.3805	-71.17
CG2020	DPM06D	10487	83.39151	-71.4731
CG0796	DPS02B	580	83.6154	-67.5347
CG0796	DPS02B	581	83.6154	-67.5347
CG0796	DPS02B	622	83.6174	-67.5341
CG0796	DPS02B	623	83.6174	-67.5341
CG0798	DPS02B	708	83.75301	-69.1639
CG0798	DPS02B	709	83.75301	-69.1639

CG0798	DPS02B	776	83.77381	-69.1633
CG0798	DPS02B	777	83.77381	-69.1633
BS0641	DPS61D	12730	83.9571	-67.0025
BS0641	DPS61D	12731	83.9571	-67.0025
BS0641	DPS61D	12691	83.973	-67.0019
BS0641	DPS61D	12692	83.973	-67.0019
CG1966	DSD01A	7152	83.9829	-69.096
CG1966	DSD01A	7244	83.9866	-69.0952
CG0850	DPS02B	1358	84.2744	-70.1376
CG0850	DPS02B	1359	84.2744	-70.1376
CG0850	DPS02B	1316	84.27611	-70.1382
CG0850	DPS02B	1317	84.27611	-70.1382
CG1967	DSD01A	7641	84.4286	-69.5955
CG1967	DSD01A	7573	84.44351	-69.5883
CG1968	DSD01A	7195	84.44541	-70.1411
CG1968	DSD01A	7121	84.47	-70.1404
CG0800	DPS02B	689	84.493	-69.0322
CG0800	DPS02B	690	84.493	-69.0322
CG0800	DPS02B	766	84.4989	-69.0344
CG0800	DPS02B	767	84.4989	-69.0344
CG0802	DPS02B	584	84.6145	-69.4539
CG0802	DPS02B	585	84.6145	-69.4539
CG0802	DPS02B	641	84.6213	-69.45
CG0802	DPS02B	642	84.6213	-69.45
CG0804	DPS02B	857	84.7687	-69.5841
CG0804	DPS02B	858	84.7687	-69.5841
CG1119	DPS05B	15493	84.773	-67.509
CG1119	DPS05B	15494	84.773	-67.509
CG0804	DPS02B	823	84.7736	-69.586
CG0804	DPS02B	824	84.7736	-69.586
CG0854	DPS52B	1277	84.8255	-69.6033
CG0854	DPS52B	1278	84.8255	-69.6033
CG0854	DPS52B	1224	84.8261	-69.6056
CG0854	DPS52B	1225	84.8261	-69.6056
CG0806	DPS02B	832	84.83031	-69.6913
CG0806	DPS02B	833	84.83031	-69.6913
CG0806	DPS02B	863	84.83441	-69.688
CG0806	DPS02B	864	84.83441	-69.688
CG1389	DPS05B	3550	84.8483	-67.5219
CG1389	DPS05B	3551	84.8483	-67.5219
CG1970	DSD01A	7256	84.89871	-69.7083
CG1970	DSD01A	7390	84.9139	-69.7011